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Hill's S. C. R. I. Reds and S. C. White Orpingtons

Have won first prize at Louisville (State Fair), Hopkinsville, Richmond, Danville and Sanford in 1913. My birds are not only prize winners, but great egg machines. Ten pens mated, eggs at reasonable prices. Write for mating list and show record. Also Fawn Indian Runner Duck eggs for sale. Twenty Red cockerels for sale \$2 to \$5 each.

**A. C. HILL,
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Now is your chance to get DIXIES QUALITY STRAIN WHITE WYANDOTTES at greatly reduced prices. Will sell some of this season's breeders to make room for young stock. This lot contains choice cocks, hens, cockerels and pullets. Eggs half price for the balance of season. Write me if you want QUALITY. CARRINGTON JONES, Box 145, Buntyn, Tenn.

SINGLE COMB BROWN LEGHORNS EXCLUSIVELY

Winings this season at National Conservation Exposition, Knoxville, Tenn., Sept. 1913, 1st, 2nd hen; 1st, 2nd pullet; 1st, 2nd cockerel, and 2nd pen. At Pensacola, Fla., Nov., 1913, 1st, 2nd hen; 1st cockerel; 2nd pullet; 1st pen. Our stock all bred on the single mating plan for heavy egg production. This stock also has the size and combs that show constitution and vigor. Eggs guaranteed to hatch, at \$1.50 per 15. Day old chicks guaranteed to live, at 15c. Mature stock guaranteed to please, at \$2.00 and up. Special prices on larger quantities. Satisfaction and promptness our specialties.

STURTEVANT BROS. BROWN LEGHORN FARM, Box 12, KUSHLA, ALA.

SINGLE COMB BUFF LEGHORNS

If interested in Buff Leghorns, write for my 1914 catalogue, containing matings, prices and list of winnings at such shows as Chicago, Nashville, Augusta, Atlanta and Knoxville and compare with any breeder in the South. Excellent breeding females, \$1.50 each; males \$2.00 and \$3.00. Better prices on 10 or more. Eggs from two all prize matings headed by Chicago winners, \$3.00 per 15. Pens headed by Nashville and Augusta winners, \$2.00 and \$1.00 per 15; \$5.00 per 100. If eggs are to be sent by parcel post, postage will be paid on pens 1, 2, 3 and 4. **DR. E. S. LANDESS, Fayetteville Tennessee.**

Eggs and Stock at Half Price

S. C. White Leghorn eggs from all pens, 75 cents per 15. This includes eggs from my best show birds. One and two-year-old hens, \$1.00 to \$2.00. Extra good trios, \$5.00.

White Rock eggs \$1.00 to \$1.50. No stock for sale.

Blue Andalusian eggs from two prize pens, \$1.50 and \$2.00. A few extra nice trios for quick sale at \$10.00.

Show stock a matter of correspondence.

LOMBARDY HEIGHTS POULTRY FARM

J. O. REID,

PROPRIETOR



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(Whole No. 121)

No. 1

Care of Birds During the Moulting Season.

By J. Gaylord Blair.

AT THE time your birds are molting they need more special attention and care than at any other time of the year, and unless this is given them you can't expect the best results and profits from your flock. In the early spring we feel less like working and performing our duties than at any other time during the year and we resort to some means to overcome this feeling and to place ourselves in the best possible condition in order to perform our duties. This is the same way with animals; they undergo the process of shedding their old coat in the spring and taking on new, which at this time they need special care and attention. Birds molt their old coat of feathers in the early fall and sometimes, under certain conditions, they will carry them until late in the winter, which is never the proper thing to do. When the cold fall days come all birds should be through molting and they should have their new coat of feathers ready to begin laying by November 1 at the latest.

Many times if you let nature take care of this, your birds will molt in this way and when the eggs are highest in the early winter your birds will not be laying and you will be the loser. Winter eggs are always in demand but birds going through the molt and especially just when they get their new coat of feathers, cannot be depended upon to supply this want. They must have some rest as nature provides, but see that they do not rest too long. To retain the stamina of the birds while going through the molt it is important that you give them careful attention and the proper ration. Many pay no attention to their birds at all at this critical period, leaving nature to look after their needs, and these people suffer the consequences by losing the profit they really should have had if they had given the birds the proper attention during the molt. Farm flocks as a rule are the ones neglected in this manner for we have known many cases where the flocks were fed scarcely anything during the molt and had no attention at all given them. A more foolish course could not be pursued.

Early and Late Molting.

Early molting insures winter egg production and this is why I prefer to have the birds through molting and with their new coat of feathers not later than November. Where you permit them to take their own good time in molting you will find it very unsatisfactory and it will also be impossible to have uniform molting and have your birds laying together. While I do not mean to have your birds molt too early, for it is a good policy to keep them laying as long as possible, yet do not have them molt too late. Where you are making a specialty in producing winter eggs it is important that your birds have new feathers before cold fall rains and cold weather makes their appearance.

In getting birds ready for early fall fairs and shows they, of course, must be made to molt early so as to have their new feathers and be in perfect condition in time for the show. These cases, of course, can be handled to suit the demands that are needed. If you are molting a flock of birds that you intend to use the following season in the breeding pen, I advise you to let them have a rest

during the months of November and December, they need a rest and should have it. Get them under full headway in January; you will then be able to produce eggs that will hatch and under favorable conditions should run as high as 90 to 95 per cent in fertility from January 1 on and hatch as good as eggs laid in March and April. If you are in the business for all the eggs you can get during the winter months, don't permit the birds to have but very little rest, but feed them the right food that will keep them laying and producing the largest number of eggs possible while the price is high and fresh eggs are in demand.

How to Force an Early Molt.

Birds can be made to pass through the molting period early and uniformly by simply holding back part of the feed for about two weeks, which stops egg production to a certain per cent and reduce the weight of the birds, and then feeding heavily on a ration suitable for the formation of the feathers and the general building up of the bird's whole system. This method has been thoroughly tested out many times and has proven to be very successful in its work. The West Virginia Experiment Station have tested it and used it with good results. You will find that birds molted in this way will get through the molt more rapidly and with more uniformity, entering winter in better condition than similar fowls that have been fed continually during this molting period on an egg producing ration and in large quantities.

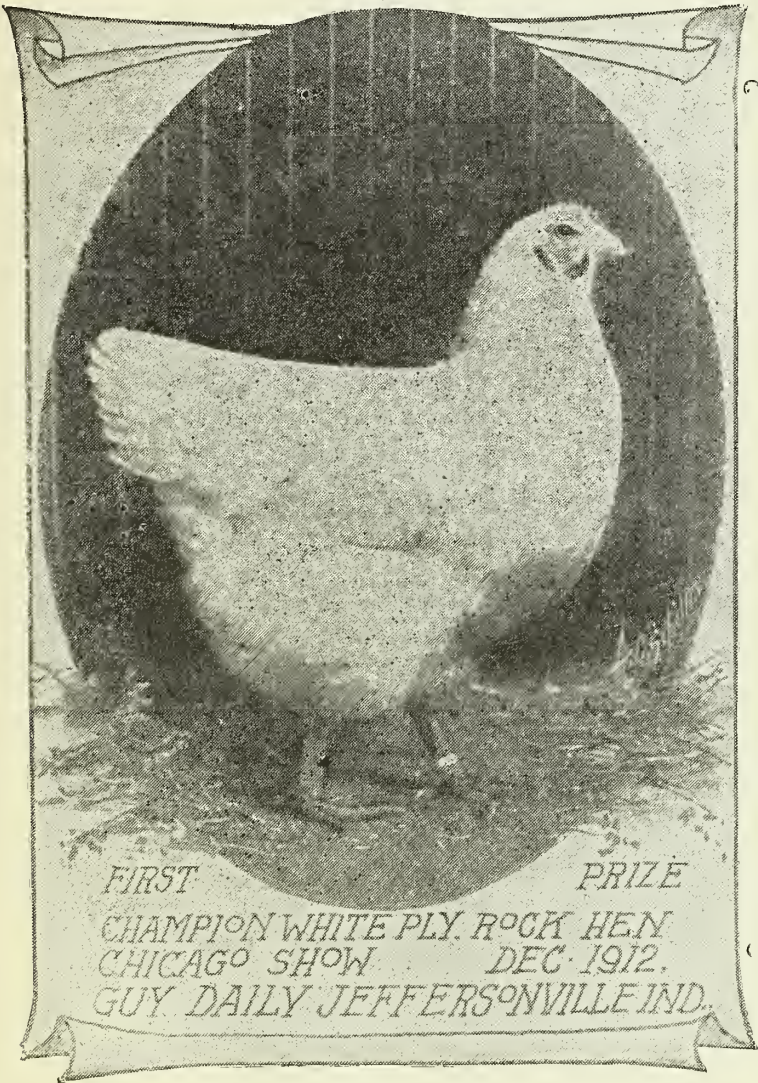
Some may call this the semi-starving treatment but it is the best and only reliable way to force the molt and bring the birds through all right and have them ready for early winter laying. Farmers should give more attention to this molting period for more eggs during the winter months mean more profit and I am sorry to say, but there are very few farmers that have a flock of birds that are producing eggs during this season. They wonder why their birds will not lay until late in the spring and it is simply because they have not been properly molted and have not been given the right food and attention. By educating people to care for their birds in such a manner as to get the most profit from them will only mean that the United States will be producing more poultry and eggs and increasing this great industry in dollars and cents in the future years.

What to Feed During the Molt.

After you have been feeding this short ration for two or three weeks you should begin now and give them all the food they need and be sure that it is the kind that will be nourishing and stimulating, building up the bird's whole system as well as producing the quick growth of feathers. A more nitrogenous ration than is usually fed your flock is an absolute necessity. Keep the birds exercising at all times, for this means strong healthy birds, and where you find a flock of birds with their time unoccupied you find a flock that is paying the owner very little profit, if any. Birds that are allowed to spend their time idly and are not made to exercise and work for what food that is given them usually, sooner or later, acquire some bad habit such as feather eating, egg eating, etc. Birds hav-

ing these habits are worthless and are only a source of worry to their owner. Such birds should be disposed of at once as such habits are usually taken up by other members of the flock.

There are many opinions as to what the molting bird should be fed upon at this time. We have tried many different things and by practical experience we have found the following ration to do the work better and in a more satisfactory manner than any we ever tried. The ration below keeps the birds in a healthy and contented condition at all times and produces the growth of the feathers in a quick satisfactory manner, getting the birds into a state of condition that will help them produce more eggs during the winter season. In bringing birds through this molt there are many little things to keep in mind and must be looked after. They must have your best attention from the beginning and not want for anything in the way of proper food and ideal surroundings. Keep the poultry houses well ventilated and if possible use the



open front fresh air system. Supply fresh water at all times and the most important detail to look after is the lice question. See that the birds are free from lice and use good lice powder on them every few weeks. You can't expect great profit and success from your birds if you allow these pests to exist. Birds going through the molt should not be permitted to run out in the cold rains or be exposed in any way. Beef scraps or fresh green bone will be found very satisfactory in feeding at this time. They both are good feather growers. Below you will find the ration which I have found entirely satisfactory for molting birds, to be fed in deep litter twice a day:

| | Pounds. |
|----------------------------------|---------|
| Cracked corn | 300 |
| White oats | 100 |
| Wheat | 80 |
| Millet seed | 50 |
| Sunflower seed | 40 |
| Coarse beef scrap (sifted) | 30 |

In addition to this you can feed the following mash feed to them in hoppers which is to be kept before them at all times, allowing them to go and eat at will:

| | Pounds. |
|------------------|---------|
| Corn meal | 100 |
| Wheat bran | 150 |

| | |
|--------------------|-----|
| Middlings | 100 |
| Linseed meal | 50 |
| Gluten meal | 50 |
| Ground oats | 40 |
| Salt (fine) | 10 |

By feeding your birds on such rations, together with good care and attention you will be able to get them through the molt quickly and in a satisfactory manner and have them ready to shell out the eggs while the price is high. Most anything can be accomplished in this world where you go after it with a determination to win out, sticking with it until things really come your way. In caring for your molting birds go into it with the determination that you are going to bring them through successfully and have them in the right condition to lay you an abundance of eggs during the dead of winter when eggs are the highest. Bear in mind that proper food, good attention and care, together with good sound judgment on your part, will bring your birds through this critical period in good shape.

Rhode Island Whites.

A GREAT deal has been said during the past few months through the columns of our various poultry journals by the fanciers and breeders in regard to their birds and their many qualities that commends them to the buying public, and while we wish to state at the outset of this article that there are several good breeds, yet the Rhode Island Whites, "a new favorite with a reason," are without question one of the most popular new breeds of today, and their rapid advancement during the past few years places them in a class that bids fair to surpass the zenith reached by some of the older breeds.

While they are usually termed as a new breed, it is a matter of record that they have been bred for a number of years, being originated by J. A. Jocoy in 1888, and since bred by a great many of our best poultry breeders who have discarded their other birds for these specimens, and who know that they do and will stand up under exacting criticism and that they have the so much desired qualities that most breeders are looking for.

In the origination of these birds, Mr. Jocoy purchased the best White Wyandotte cockerel that could be found and mated him to Partridge Cochin hens. Pullets from this mating were then mated to a Partridge Cochin cock, which produced chicks with three-fourths Cochin blood. A white fowl being his ideal, the pullets were then mated to a Rose Comb White Leghorn, the result is the famous Rhode Island White breed which is making friends wherever seen and tried. All of the above breeds were good, but the three combined beats them all.

As above mentioned, they are a new favorite with a reason, some of which I will give briefly: First, because they are a business type bird of medium size, good bone, long backs, deep red head points, with yellow meat and legs, and a silvery white plumage which makes them birds of beauty. They possess great activity and alertness and are healthy vigorous birds. They are consistent layers, good mothers and careful setters. They are bred to lay, being bred from egg laying strains and best blood lines. They are quick to maturity and have wonderful ability as winter layers. As a table fowl they are unexcelled, their meat being fine, juicy and well flavored. They hustle from early morn until late in the evening, procuring a large part of their own living and filling the egg basket at all seasons of the year. For the fancier they are birds of clean cut lines, and being very docile are ideal posers, that makes them attractive in the show room.

The Rhode Island White Club of America now has hundreds of members that are working to show the buying public the advantages of so great a breed, and with the club and other breeders to boast them they will not only become a great favorite, but one of the best breeds ever bred.

If you want birds of fine qualities, you certainly will make no mistake in getting the Rhode Island Whites.

R. L. WILLMOTH, Business Manager,
Ridge Spring Poultry Farm.
Rineyville, Ky.

Giving a Patent Away.

By George Beuoy, Cedar Vale, Kan.

TO ANY poultry raiser in this country who cares to use my patent, No. 1,025,362, May 7, 1912, I will be glad to give written permission to do so. It will be necessary for you to have the written permission in order to protect yourself. This patent covers the latest and only Modern Caponizing Instruments. It has taken me more than eight years of steady work to bring them to their present state of perfection. The great advantage in these instruments is their simple construction and ease with which they can be made and used. This patent covers



George Beuoy, Capon King, author of "What's a Capon, and Why," Inventor of the Automatic Capon Tools. Mr. Beuoy is offering free use of his patent to all poultry raisers.

both a spreader and remover. The only other instruments necessary to make a capon is a common pocket knife with a sharp, thin blade and a small hook for tearing the thin tissue membranes that cannot be cut. A sharpened bottom hook is plenty good enough for this small part.

The important point is that most anyone can make a set of these instruments. All that is required is two pieces of Bessemer steel rod, each twenty inches long; one for each instrument, and a copy of the patent, which contains the blue prints illustrating the instrument in different positions and sections. The patent not only shows by pictures exactly how the tool is made but has detailed instructions as to exactly how to make it, so that anyone who is at all handy with tools can do it.

The important point in making an instrument of this kind is to get it adjusted properly. In adjusting them I always use a fine hair to test every part of the grasping points much the same as you would to test a razor. The only difference being that a razor cuts the hair when just right. The remover should hold it tight without cutting or letting it slip. To get this nice adjustment use a piece of emery cloth and a fine file.

To get a copy of the patent, all you have to do is to write to the Commissioner of Patents, Washington, D. C., and ask for a copy of patent No. 1,025,362, issued May 7, 1912, to Geo. Beuoy, Cedar Vale, Kan. Enclose five cents in silver to cover the regular government fee for copy of patent and it will be mailed to you promptly. You know the government will furnish you or anyone else a copy of any patent for five cents in silver (stamps not accepted).

I will be glad to give written permission to use the patent to make one set of instruments for your own use. I also have some booklets with illustrated instructions showing exactly how to use the tools so that you can do the

work just as good as I can. I will send one of the books without cost to you.

Capons, you know, are the most profitable part of the poultry business. Half the chicks raised each year are male birds and the only profitable way that I have found to dispose of them is to make capons of them. Capons sold on the open market bring from fifteen to twenty-five cents per pound, live weight. It is easy to make them weigh ten pounds each, which means that you will get from \$1.50 to \$2.50 apiece for them, and you can sell them all in a bunch and get the money in a lump sum, which is a big item. Our capons have made us a net profit of over \$1 each for the last six years. They will do just as well for any other poultry raiser, which means from \$200 to \$300 more profit on every farm where they are grown.

I have made a study of the capon business for the last eight or ten years, as raising poultry is our business and not a side line. I saw long ago that I must cash in on the male half of the flock in order to make a profit. I soon saw that to make capons of them was the only profitable way. The demand for unfertile eggs makes it absolutely necessary to either caponize or separate the young males, and it is much easier and more sensible to caponize. The man that caponizes will make enough clear profit on his unfertile eggs to make it well worth while to caponize for that reason if for no other.

Under the old methods in use just a few years ago it was impossible for the ordinary person to make capons with any degree of success. The introduction of the Automatic Capon Tool covered by my patents mentioned above has changed this condition and made it possible for anyone to have capons.

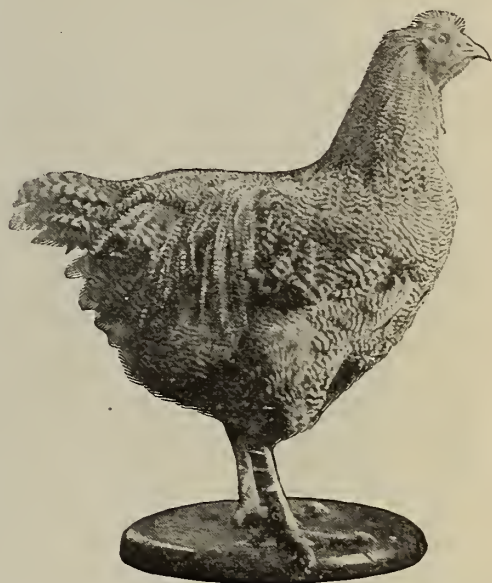
Another manufacturer who has been manufacturing instruments for many years, having failed to get possession of my patents has started to put out an imitation of our automatic caponizing instruments. My lawyers tell me this is clearly an infringement of my patents and that if I will begin suit against them I can eventually collect damages and stop them making further instruments.

To do this I would have to mortgage my farm to get the money to put up the fight. This I do not propose to do. While I have the farm and poultry ranch I have a good living and do not really need the patent anyway. Rather than to have any big company gobble up my patent rights I would much prefer that the American people have the benefit of my inventions and patent rights.

It is true that I have sold some instruments. It is also true that I have sold them at just about what it cost me to make them. This is what made them sore, and failing to get control of the patent and knowing that I was just a common farmer, they hoped to put me out of the way by getting me in a law suit and breaking me.

I have spent some time and money in developing the business and have the best equipped and only exclusive capon instrument factory in this or any other country. It is right out on the farm, five miles from town and is a real farm factory. The farm and chickens have paid for it as we have gone along, so I have nothing to lose. I am not going into debt to fight any old company. I prefer to keep the farm.

I know that capons are a good thing—a money maker. I believe that it is but a few years until they will be found on every farm in this country. I want to do my part and feel that I have done the square thing. It is not going to cost me anything to let the people have the benefit of that



A 14-pound Barred Rock Capon Sweepstakes winner at Kansas City, Mo., State Show; at Wichita, Kan., State Show, and at Independence, Kan., Federation Show. With his pen mates won three Grand Gold Prizes this season, two \$25 Cash Gold Prizes and one \$100 Cash Gold Prize. Bred, caponized and raised by George Beuoy, Cedar Vale, Kansas.



White Rock Capon, weight 12 pounds. Winner in his class. Owned by George Beuoy, Cedar Vale, Kansas.

patent. I am willing to do it for the good of the industry.

Get a copy of the patent and make some capons this summer.

COMPEL THE FOWLS TO EXERCISE.

By Michael K. Boyer, Hammonton, N. J.

THE question of exercise is one that the poultryman cannot study too carefully. To keep in good health and profit, all animalkind must take the proper amount of exercise, or they will become sluggish and diseased. It is not a very difficult matter to get the hens down to work and if this duty is involved upon them in early life, they will not forget their "early training," and will know that in order to have anything to eat they must work for it.

Exercise prevents overfat in fowls. Overfat is a diseased condition, the penalty sooner or later being death. A too-fat hen is an indifferent layer, producing eggs of all shapes and conditions. It is, generally, the overfat hen that lays the soft-shelled eggs. It is the breaking of these eggs in the nest that leads on to the vice of egg eating. One trouble after another follows this neglect of not having the hens exercise.

The hen that scratches is the one that has the quickest move, the brightest comb, the happy air and the best egg record. She is business clean through. The idle hen should not be tolerated.

Early-morning exercise is of untold value, especially during cold weather. If the fowl can get off the roost and at once get down to scratching, it will not only put itself into condition for the day, but it will greedily pick up its feed and properly digest it. Contagious diseases do not, as a rule, find victims in busy fowls—it is invariably the idler that takes to everything that comes around. One of the greatest reasons why the hens of today are better layers than they were in our forefathers' days is the fact that our present day poultrymen have discovered that the fowls must be induced to exercise, and it is a rule to compel them to do so.

The invention of the scratching shed has been a great innovation in this particular. These sheds are attached to the regular roosting pens, and are so arranged that the fowls descending from their roosts can at once repair to the shed to work.

The floors of these sheds are covered with some light litter—hay, straw or leaves—and at the night feed the grain is thrown among this material. This is done about an hour before roosting time, and the fowls at once get to work. In the morning they continue their hunt for grain, and will work for an hour or more in search of a few grains which they might have missed the night before.

In order that they may not become discouraged in not finding anything, during the day at intervals, several handfuls of grain is scattered. This is the secret of great winter egg production in the yards of regular poultrymen—at a time, too, when the average farmer's fowls are not producing an egg.

Where there are no scratching sheds, the floor of the roosting pen should be littered. At least once a year this litter should be taken out of the pens or house and new clean stuff substituted, as it will be a menace to health to allow befouled material to remain in the houses for too long a time. This we believe to be one of the fruitful causes of chickenpox or sorehead.

On the farm of the writer the fowls during the winter are fed three times a day. A mash is given in the morning—not all they can eat, but just enough to satisfy a craving, and to still keep them a little hungry. Then a few handfuls of grain is scattered among the litter—allowing about one handful for four fowls, which will keep them active. At noon a handful for three fowls is given, and at night a handful for each fowl. In this at all times there is an inducement for the hens to scratch, and between scratching and laying they are busy the whole day. The hen that will not scratch is not a well one. A loafer in the hen house is not a desirable companion for good, strong, healthy, busy hens.

Comparatively few people know how to carve a roast-

ing fowl. To do it properly, they must have a knowledge of the joints of the fowl. The operation is as follows: Place the fowl conveniently in front of you. Plant the fork firmly in the joint of the wing farthest from the body and draw with the joint toward the leg on the same side. Then pass the knife underneath and the wing joint is taken off at the point. Then pass the knife underneath and the wing point is taken off at the point. Slip knife between leg and body to cut through large joint there. When the leg is drawn backward with the fork, the joint will easily give way before the blade of the knife. After the other wing and leg are off, cut into the top of the breast under the "wishbone," and lifting this with the fork it may loosen entirely. Then carve slices from both sides of the breast. The collar-bones are next taken off and the side-bones separated from the back. Chickens, geese, ducks and turkeys are carved alike. Smaller game, like pigeons, are not carved, but simply split down the back, a half being served to each person.

The Agricultural Experiment Station of the Pennsylvania State College suggests the following grain rations for fattening poultry, as having been used with success by them: Where yellow flesh is wanted a ration should be made of corn meal, 5 parts; ground oats (hulls removed), 1 part; animal meal, 1 part. Mixed with sour milk. Where a whiter flesh is wanted, the following rations are recommended: Corn meal, 2 parts; ground buckwheat, 2 parts; ground oats, 2 parts. Mixed with sour milk. Another, barley meal, 2 parts; middling, 2 parts; buckwheat, 2 parts; corn meal, 1 part. Mixed with sour milk. Another, the refuse from shredded wheat and sour milk. When birds are confined for fattening, sour milk is available, some form of animal or green food must be supplied to make the best gains. Should a chicken for any reason go off its feed, a good plan is to turn it out in the yard. It will usually recover in a short time. Water should be given once a day and grit twice a week. The rations should be fed rather soft, about like porridge. The food should never remain before them from one meal to the other. Take it away twenty minutes after feeding.

There is nothing better than soda water for fowls whose droppings are not in normal condition. This soda water is made as follows: Use three heaping teaspoonfuls of soda (bicarbonate) to one pint of water. Shake well. Dose, teaspoonful to each afflicted fowl. Follow with a one-grain quinine pill each night for three nights in succession.

Limberneck is an infliction that is usually caused by fowls eating decayed meat full of maggots. Some claim it is also a result of ptomaine poisoning. The remedy is turpentine, and the following is a good treatment: Mix a tablespoonful in an equal amount of warm water and pour into the crop. Follow by filling the crop nearly full with warm water and then, holding the fowl by the feet, head down, gently work out the entire contents. When thoroughly cleaned give a tablespoonful of castor oil and allow the fowl to remain quiet by itself until recovered. To prevent this trouble, at least once a week make a careful inspection of the range to see that no dead, decaying animal bodies are lying about breeding maggots.

Of all businesses that we would say, "Good Lord, deliver us," that of dealing in bad eggs would be the limit. Yet it is a vocation carried on in England. These eggs go to tanners and paper makers, and are carefully opened by hand. Imagine the unpleasantness of the work. These bad yolks are mixed with flour and salt, made into a dough, and sold to the leather men who size and dross hides with it. The whites of the eggs are used in the sizing for fine paper. The yolks must be carefully separated from the whites, as the least bit of yolk in the whites would cause a yellow streak on the paper's surface.

In nearly every wholesale egg house one visits in Philadelphia, will be found the domestic cat, and it is considered a valuable acquisition to the business. Rats have a fondness for eggs and were it not for the faithful cats there would be great loss. It is said that a rat, not finding an egg in just the proper location, will wrap its tail around it and tow it to a place of safety where it may be sucked at leisure. Besides the cats on the premises, traps

are set, and it is a frequent thing in the Water street region any morning to see one of these traps brought out to the street with four or five egg-fattened rodents in it. They are turned loose and at the mercy of a crowd of boys who, armed with clubs, never permit the thieves to get far away. A feature of the thoroughfare between Chestnut and Market streets is the appearance, every morning, of an old rat terrier, which is always good for one rat out of each trap. "If he wasn't so old he'd get every one of 'em," said a man who has handled a trap for years.

For years there has been a discussion in the poultry press regarding the fertility of eggs, the number of days after mating that fertility begin, and the number of days after removal of male bird that fertility ceased. The following experiment was undertaken some time ago, by whom we know not, but the records have apparently been carefully kept:

| No. Eggs Laid. | Day After Mating. | Chicks Hatched. |
|----------------|-------------------|-----------------|
| 8 | 2d | 2 |
| 13 | 3d | 3 |
| 10 | 6th | 8 |
| 11 | 10th | 4 |

That shows that eggs become fertile soon after mating commences. The following shows condition after removing male:

| No. Eggs Laid. | Day Mating Ceased. | Chicks Hatched. |
|----------------|--------------------|-----------------|
| 11 | 1st | 4 |
| 11 | 3d | 4 |
| 12 | 6th | 4 |
| 12 | 10th | 4 |
| 8 | 12th | 3 |
| 8 | 13th | 3 |

Important to Breeders of Runner Ducks.

AT A MEETING of the American Poultry Association held at Atlantic City, N. J., August, 1913, the subject of Standard on Fawn and White Indian Runner ducks was taken up.

Mr. Fishel made a motion that the word "Indian" be stricken out, calling them "Runner" ducks.

Mr. Dearborn asked the reason for this. To which Mr. Fishel replied: "I believe the so-called Indian Runner duck is an American fowl, and what is the use of adding anything. The secretary of the Waterfowl Club this morning requested me to offer this motion."

The motion was carried.

Breeders of Runner ducks, no matter what variety, should note the above motion, which eliminates the word "Indian." We believe this is a wise move, as we have no authority whatever that the Runner ducks ever came from India, and no one can prove it who lays claim to the Runner having originally come from India; therefore why the word "Indian." It is only a waste of time and printer's ink, and the names of all varieties of fowl should be cut down to a minimum.

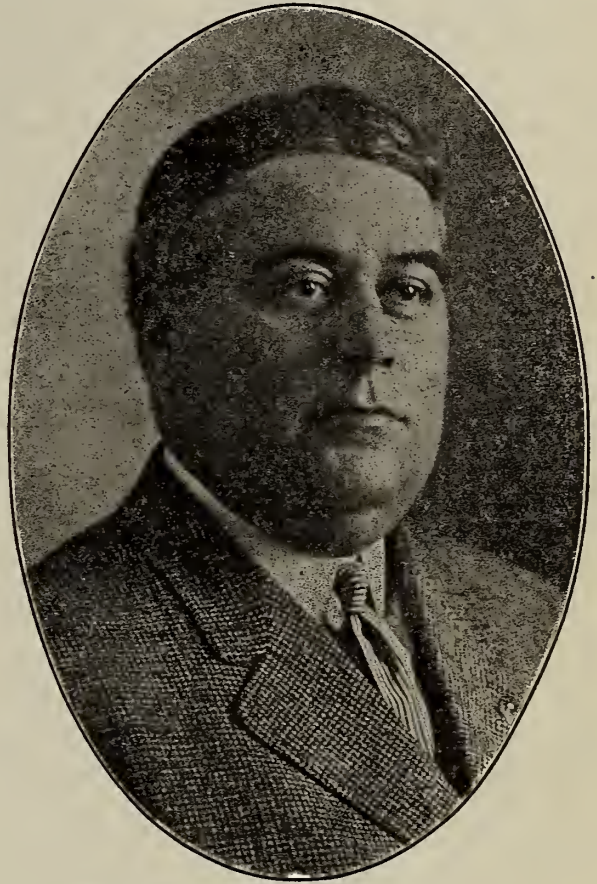
The Penciled Runner ducks were introduced into England some seventy-five years ago from the far East, these being the first Runner ducks known. History tells us that fifty years or more ago they were known in England as the "Penguin" duck, on account of their upright carriage. Later this name was dropped for the Fawn and White Indian Runner, we are speaking now of the bird in England, not in America, where it was imported only about fifteen years ago.

The English breeders never called this variety of Runners the Penciled Runners, as they do in this country, simply because they had pencilling in all of the Runner ducks, and they did not describe the pencil markings in the fawn of the ducks, in some of their standards. All of this confusion of standards in England in later years, was caused by the actions of some of the officials, in not allowing the best descriptive standards of the Penciled Runners to be used in England by the English Poultry Club, they compiled an inferior one which did not fully describe the Penciled Runners, caused all the trouble we have had in America in relation to the standard on the Runner Duck, the American Poultry Association copied the English Poultry Club Standard and applied it to the Light Fawn and White Runner, a new breed made in America in the past twelve years. If the Indian Runner

Club had allowed the English Poultry Club to have used their standard, the Light Fawn Runner could never have been admitted to the standard, as the Indian Runner Duck Club standard described the pencil markings in the fawn of the duck in detail.

The Light Fawn and White Runner being an American bred bird, as Mr. Fishel states, is correct. This bird was bred in America by crossing the Penciled Runner with some other variety of duck, for the purpose of breeding for a solid color in the fawn. It was a great mistake to do this. In the first place, the Penciled Runners are the greatest layers of pure white eggs in the world, as last year's records show them to be the champion egg producers. It did not improve them as layers to cross them with another variety of duck, which would be an inferior egg producer compared with the Penciled Runner. By making these crosses caused the introduction of green eggs into the Light Fawn variety, and the breeders of this variety have been troubled with green eggs ever since. The green egg layers are to be avoided, as there is no demand for such eggs, or for stock which lay green eggs in this country.

We learn through the English press that there has been a great outcry against the green egg laying Runners re-



Elias Peter Hicks, Bound Brook, N. J.

cently introduced into England by two British breeders. They do not believe in sacrificing all the good qualities of the Penciled Runners for a bird which has a fine carriage and shape with nothing else to recommend it.

Owing to the feeling existing in England over the introduction of these green egg layers, it is likely that a new Runner duck club will be formed which will eliminate all breeders of the green egg variety.

In addition to the green egg layers of the Light Fawn Runners, they lost their Runner carriage and shape when they were crossed with other breeds of ducks; for this reason you see very few Light Fawn Runners with good shape or carriage.

When we consider all of these disadvantages in the breeding of the Light Fawn Runners, we cannot see where the breeder is benefited by continuing to breed a duck which is inferior to the pure-bred Penciled Runner in every way. This breed having been manufactured in America, is not entitled to the name "Indian," even if the original birds had come from India, and we think it a good proposition that the American Poultry Association has wiped out the name.

CHARLES FRASER, Secy.-Treas.,
English Penciled Runner Club of America.
Marlton, N. J.

SUBSCRIPTIONS—One year 50c. Three years \$1.00. Foreign subscriptions 75c. In order to start with current number, the subscriptions must be received at the office by the 10th of the month.

PUBLISHERS' ANNOUNCEMENT—All manuscript and copy for change of advertisements should be in our hands promptly by the 10th of the month preceding date of issue. **THIS IS IMPORTANT.** New business can be accepted as late as the 25th of the month, but special position cannot be guaranteed.

CORRESPONDENCE—We cordially invite letters and articles from all our readers on any subjects of interest or value to the poultry industry. Send in some matter; your experience and observations may be just what some one may be looking for and save them from mistakes and losses you have suffered in the past. If you have something to tell our readers, don't fail to send it in. This is your journal; make good use of it and help to make it useful to others.

THE INDUSTRIOUS HEN

With which is consolidated Poultry Ideas, Louisville, Ky., Tennessee Poultry Journal, Lebanon, Tenn., The Poultry Review, Bustleton, Pa., and The National Poultry Breeder, Owensboro, Ky.

PUBLISHED BY
BLAIR-YOUNG PUBLISHING CO.
Incorporated
American National Bank Building
LOUISVILLE, KY.

Entered as second-class matter at the Postoffice at Louisville, Ky., under Act of March 8, 1879.

PUBLISHED MONTHLY AT 50c PER YEAR.

OFFICERS AND DIRECTORS
COLLINS YOUNG, President and Manager.
J. GAYLORD BLAIR, Secretary-Treasurer.
THOS. J. KNIGHT, Vice President.

EDITORIAL AND BUSINESS STAFF.
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F. A. GOODLIN, Traveling Representative.

WE ALWAYS STOP THE MAGAZINE, at the expiration of the time paid for unless a renewal of subscription is received. Those whose subscriptions have expired must not expect to continue to receive the magazine unless they send the money to pay for it another year.

MISSING NUMBERS—It occasionally happens that numbers of our magazine sent to subscribers are lost or stolen in the mails. In case you do not receive any number when due, write us a postal, and we will cheerfully forward a duplicate of the missing number.

AGENTS WANTED—We want agents to secure subscriptions. Liberal terms and outfit sent on application.

ADVERTISING RATES—\$1.50 an inch. Three per cent discount allowed if paid within ten days after insertion of advertisement.

CLASSIFIED RATES—2½ cents a word per issue; two cents a word if advertisement runs six months or longer.

Cleanliness as a Preventative of Disease.

IF YOU expect to get the best results from your birds at all times, and keep them in the best of health, you must keep everything about the premises in a good sanitary condition. If we keep everything clean we can expect to keep them healthy most all the time; but, on the other hand, if we let filth accumulate we can't expect anything else but loss from disease, etc. During the summer months, more especially, we must keep the water founts clean. Impure water will cause trouble and cause it quick. The dropping boards should be cleaned every morning and the houses thoroughly ventilated at all times. Don't let the dropping stay on the boards until they crowd the birds off; then it will take a long time to clean them. Remember, "a stitch in time saves nine." While the weather is hot and sultry be sure to give the fowls fresh water at least twice a day. Clean the founts every morning, and use scalding water to cleanse them. If the fowls do not get sufficient pure air, you had better take the windows out entirely while the weather is warm, thus securing proper ventilation.

Never crowd the young birds. When you place them in the colony houses, if you have too many for the houses you have, it will pay you to build more room for them. Remember they are growing all the time, and it takes more room as they get older and develop more.

EVERYBODY COME TO CHICAGO.

AFTER a hard-fought battle, Chicago finally won the next annual convention of the American Poultry Association, and is now working hard making preparations to entertain the members of the American Poultry Association next August. It is desired to make this convention the largest and most enthusiastic one ever held in the history of the A. P. A., and the Chicago

Poultry Society and the Chicago Association of Commerce have prepared a pleasure program that should interest and entertain all the members and their wives. Yes, the ladies should also come for they will be royally entertained by the local members wives of the A. P. A.

Now, boys, get ready to lay your plans to go to Chicago next August and also help to show the world that our billion-dollar poultry industry is really what we say it is—the largest live stock industry in the world.

The following is the proposed program, subject, however, to some slight changes as future exigencies may demand:

Proposed Program.

Thirty-ninth annual meeting of the American Poultry Association, Chicago, Ill., August 8 to 15, 1914.

Headquarters, Hotel Sherman, Chicago, Ill.

All meetings of the association will be held in the Hotel Sherman, and will be open not only to the members of the American Poultry Association, but to the public generally.

Saturday, August 8, 9 A. M.

Meeting of the Executive Board, in the rooms of the Hotel Sherman. Sessions of the Executive Board will be held afternoon and evening.

Sunday, August 9, 1914.

Ladies entertained at Art Institute.

Monday, August 10, 1914.

Meetings of the Executive Board will be held morning, afternoon and evening.
11:00 a. m.—Trip to U. S. Yards.

3:00 p. m.—Ball game, Brooklyn and Chicago Feds.

8:00 p. m.—Reception, Hotel Sherman.

Tuesday, August 11, 1914, 9 A. M.

Thirty-ninth annual meeting called to order by the President.

Address of welcome by Governor Dunne.

Address of welcome by Mayor Harrison.

Address of welcome by President Association of Commerce.

Response by E. B. Thompson, President of the American Poultry Association.

Roll call of members by States.

Approval of minutes of last meeting.

Report of Election Commissioner.

Election of board of Review.

Appointment of Committee on Credentials. (All credentials must be in the hands of the Secretary before opening roll call.)

Report of Executive Board on applications for membership, and charters granted to branches; annual report and recommendations. (All reports open for discussion as soon as made, and motions to carry their recommendations into effect.)

1:30 p. m.—Report of Board of Review, under suspension rules.

Report of Committee on Credentials.

Branch reports. (All reports must be in writing, signed by the Branch President and Secretary of the association before reports from each State are called for. No verbal reports or comments will be allowed.)

Report of Committee on Bureau of Lectures; W. Theo. Wittman, Chairman.

Report of Committee on Education and Experimentation; Prof. James E. Rice, Chairman.

Report of Committee on Plymouth Rock Breed Standard; Arthur C. Smith, Chairman.

Adjournment.

7:30 p. m.—Poultry Institute in Convention Hall.

Moving pictures by L. A. Stahmer, artist, American Poultry Journal, and D. E. Hale, editor, Successful Poultry Journal.

Lecture by A. G. Phillips.

Lecture by Prof. Halpin.

8:30 p. m.—Reception for visiting ladies by ladies of Chicago Poultry Society, in ladies' parlor, Hotel Sherman.

8:30 p. m.—Stag smoker for visiting men by men of Chicago Poultry Society, in Convention Hall, Hotel Sherman.

Wednesday, August 12, 1914.

9:00 a. m.—Business.

10:00 a. m.—Ladies meet at Hotel Sherman and proceed to Marshall Field & Co's store, where they will be entertained at luncheon at noon.

1:30 p. m.—Business.

2:00 p. m.—Auto ride to Jackson park and Field Columbian museum.

8:00 p. m.—A free boat ride on S. S. Roosevelt to see panoramic view of Chicago by night from the lake.

8:00 p. m.—Poultry Institute, ex-board room.

R. C. Lawry.

W. A. Lippincott.

Thursday, August 13, 1914.

9:00 a. m.—Business.

1:30 p. m.—Business.

8:00 p. m.—Organized trip to White City or Riverview pleasure parks.

Friday, August 14, 1914.

9:00 a. m.—Business.

1:30 p. m.—Business.

In addition many other pleasure features will be offered to visiting guests. Boat trips to Lincoln park zoo, free bathing at Lincoln park and other beaches, and free admission tickets will be furnished to many other places of amusement.

Our Outlook.

After the May issue of THE INDUSTRIOUS HEN reached its readers, and also the readers of POULTRY IDEAS, and they learned of the consolidation of POULTRY IDEAS and THE INDUSTRIOUS HEN, we began to receive letters in every mail, all expressing themselves as being glad to hear of the good news. The consolidation of these two papers will mean a great deal to every poultryman in the United States. It means that the South will have a poultry paper that will boost the industry in the South, which is one of the greatest fields today and will surpass any section in the country in a short time.

It will be our aim to give the poultrymen a medium that will assist them in making more money from their birds. We expect to sell them advertising space at a cheap rate and give them more circulation than any other paper in the country for the price.

THE INDUSTRIOUS HEN established many years ago, is known as the best paying advertising medium in the South. By consolidating POULTRY IDEAS this gives us a larger and still stronger paper.

Below we print one of the many letters received by us, which will give you an idea of how glad our readers and advertisers were when they received the news of our consolidation. Mr. Andrews has been advertising with both

is one of "The live wires" of the South. He is a breeder of the Efficiency strain of Barred Plymouth Rocks and S. C. White Leghorns, and also president of the Andrews Paper Box Co., the largest manufacturers of egg boxes and shipping coops, etc., in the South.

Watch the INDUSTRIOUS HEN grow in the future. With the co-operation of every poultryman and woman throughout the South, we are bound to grow and develop into the largest poultry publication in the country.

BIG SHOW FOR LOUISVILLE THANKSGIVING WEEK AT ARMORY.

AT THE regular meeting of the Ohio Falls Fancier's Association, held June 1st, Eugene J. Straus, President of the association announced that the Armory Building had been secured for the coming show.

Now that all other arrangements have been completed the show is assured, and will undoubtedly be one of the largest and most successful ever staged in any Southern city. The Southern breeders as a whole are the most enthusiastic and progressive poultrymen in the country, and it is predicted that the show will have their united support. Many of the large breeders in the Southern States have already signified their intention of showing at Louisville next season. The management was successful in securing the two well known judges, H. A. Pickett, Greentown, Indiana, and A. F. Kummer, Butler, Pennsylvania. They were the unanimous choice of the association's members and their work and ability in the show room is so well known and liked by exhibitors that further comment regarding the judges is unnecessary. Uniform cooping has been arranged for and the entry fee will be \$1.00 for single bird, \$3.00 for pen. A very small admission charge will be made thus insuring a large attendance throughout the entire week. Arrangements have been completed with the Louisville Pigeon Club to join in the exhibit with the poultry fanciers and this will add much to the success of the show.

In addition to staging the show in the regular way, a new and most interesting feature will be added in the form of an

educational exhibit which will be furnished by the State University's Poultry Experiment Station with their men in charge assisted by government experts who will give lectures and instructions pertaining to the poultry industry. The catalogue will be ready for mailing about October first, and will contain full information as to cups, premiums, special prizes, etc.

The men back of this show have worked unceasingly to perfect arrangements, and they are to be complimented for their success. Here's to the success of the big Armory show!

Back to Our Original Size.

This month, you will note THE INDUSTRIOUS HEN is back to her original size. Last month, the size of the paper was reduced on account of having a supply of paper ordered from the mills already cut for that particular size. In the future the Hen will continue to be published the original size, which adds to the good appearance and makeup of the whole paper.

It will be our aim to improve the appearance of the "Hen" each month, thus giving our readers the most attractive paper published. We hope you will like the makeup and appearance this month.

Chicks and fowl in confinement should have broken charcoal before them at all times. It is as good a condition powder as we know of.

MEYER'S

Champion Strain of Black Langshans have been winning at America's best shows in the last few years. Eggs the rest of the season at one-half price. Write for free circular which tells all about them. Yours for better Langshans.

W. A. MEYER,

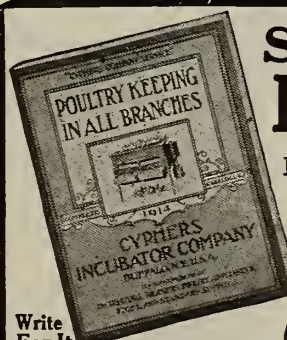
Bowling Green, Mo.

S. C.
ANCONAS

FOR
THE
BEST

BLACK
LANGSHANS

See my stock or write for catalogue; winners at Madison Square Garden, Grand Central Palace, Philadelphia, Augusta, Ga., etc. Stock, eggs, baby chicks at reasonable prices. E. P. HICKS, Box 334, Bound Brook, N. J.



Send Your Name Now for Big Poultry Book

IT'S FREE. Cyphers Company's 244-page book for 1914 "Poultry Keeping in All Branches." Pages 7½ x 10 ins. —fully illustrated. Tells the *everyday practical* things poultry people *need to know* in order to succeed in a *big way*. Fully describes and pictures

CYPHERS INCUBATORS and BROODERS

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and more than one hundred Poultry Specialties. This year 8 *new special chapters*. Your free copy is waiting for you *now*. Also

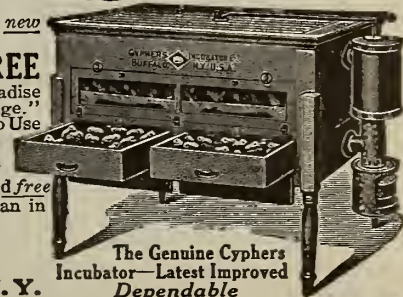
Five Pieces Valuable Poultry Literature—FREE

"Selling Day-Old Chicks—Doing Custom Hatching." "Paradise Brooders—When, Where and How to Use to Best Advantage." "Cyphers Company's Portable Hovers—When, Where and How to Use for Best Results." "When, Where and How to Use Cyphers Adaptable Hovers to Best Advantage. The Only Fireproof, Labeled and Insurable Brooding Hover on the World's Markets." "Reports from Users of Cyphers Poultry Foods." All above mailed *free* with catalogue. We want *every* earnest poultry man and woman in America to have these copies. Write now. A postal will do.

Cyphers Incubator Company

Dept. 13

Buffalo, N. Y.



Chattanooga, Tenn., May 15, 1914.
Industrious Hen,
Blair-Young Publishing Co.,
Louisville, Ky.

Gentlemen: I am just in receipt of May copy of the combination publication of the Poultry Ideas and Industrious Hen. It seems to be alive with good things, and I want to congratulate you on the consolidation of these two papers.

There is a big opening in the South for a high grade poultry publication with life and large subscription list, and I believe you bid fair to fill this want. Yours very truly,

O. B. ANDREWS,
President Andrews Paper Box Co.
Morristown, Tenn., May 1, 1914.

POULTRY IDEAS and THE INDUSTRIOUS HEN for the past year, and



Under this heading "Pick Ups Here and There," we will give our readers each month clippings from our exchanges that we think will interest them.

PANAMA-PACIFIC EXPOSITION EGG LAYING CONTEST.

THE Panama-Pacific International Exposition Egg Laying Contest is now an assured fact.

This contest will be conducted by the Department of Live Stock on the Exposition grounds and under the supervision of the Poultry Division of the College of Agriculture of the University of California. It will begin on November 1, 1914, and will continue twelve full months. Birds will be received on the grounds as early as October 1, but none later than October 30, 1914.

The poultry industry of America creates approximately six hundred million dollars of new wealth each year and it is a potent factor in the economy of all countries, yet it has not even approached the possibilities.

As planned by Chief D. O. Lively, of the Department of Live Stock, the great International Poultry Show will be made in three grand divisions, two of which are innovations in show giving.

1. A permanent educational exhibit of View Flocks of the different varieties will be maintained on exhibition during the entire period from February 20 to September 20, 1915, when they will give place to the competition for premiums. This continuous educational exhibit will afford the visiting millions of the world an opportunity to study the characteristics of the different varieties such as was never before afforded them.

2. The competition for premiums will occur on the grounds of the Department of Live Stock from November 20 to November 25, in which more than \$10,000 will be distributed in cash prizes by the Exposition in addition to numerous and valuable cups, trophies, ribbons and leg bands offered by various specialty clubs and associations.

3. An International Egg Laying Contest lasting twelve months and combining the interest of the utility poultry man with that of the fancy in the poultry show.

The interest in this egg laying contest is intense, and it will be participated in by exhibitors from many countries, while the lessons which may be learned from it and the problems solved will be of immense value.

Government Destroys Frozen Eggs.

The following is from a report just received from the office of Information, United States Department of Agriculture, Washington, D. C.: "In a libel filed in the District Court for the Southern District of New York against 161 cans, each containing approximately 25 pounds of frozen eggs, and 43 cans, each containing approximately 50 pounds of frozen eggs, which had been shipped in

interstate commerce, it was alleged that the eggs were adulterated in that they consisted in whole or in part of a filthy and decomposed animal substance. On October 22, 1913, the court ordered the product to be destroyed and the costs of the proceedings, amounting to \$66.12, to be assessed against the claimant."

Government Whitewash.

Half a bushel of unslacked lime, slack in warm water, cover it during the process to keep in the steam; strain the liquid through a fine sieve or strainer; add a peck of salt previously well dissolved in warm water, three pounds of ground rice boiled to a thin paste and stirred in boiling hot; half pound of powdered spanish whiting and a pound of glue which has been previously dissolved over slow fire. Add five gallons hot water in the mixture, stir well and let it stand for a few days, covered from the dirt. Strain carefully and apply with a spray pump. It should be put on hot.

Start the Boys and Girls.

GET THE boys and girls interested in poultry. It will keep them contented to stay at home after school hours. They will be interested in their birds and will not care to spend their hours idle. Many of the successful breeders of today became interested in poultry when very young and today they are making large sums of money from their poultry. The Department of Agriculture in this State has organized several boys' and girls' poultry clubs, and through this channel.

Nothing Doing.

Little Margie, on her first visit to a farm, was told to wander about the barn and search for eggs. Some time later the child returned almost in tears.

"Couldn't you find any eggs, dearie?" asked the mother.

"No," replied Margie, wearily. "I think it's mean, too, 'cause lots of hens were standing 'round doing nothing."

LAW NOTES.

(Prepared by K. C. Sidbury, of Wilmington, N. C., Bar.)

The Chicken's Place in the Law.

THE Iowa Supreme Court recently decided in Kemple vs. Schafer (Ia.) 143 N. W. 505, that a suit in equity would not lie to compel a person owning chickens to keep them from trespassing upon another's land. In the above case it appeared that the parties in the case owned adjoining farms and that the defendant's chickens trespassed on the plaintiff's land which he had seed-

**BROWN
POULTRY
FENCE**

**WE
PAY
FREIGHT**

Costs less than cheap netting, lasts 5 times as long. Top wire 9 1-2 gauge, bottom wires 1 inch apart—all heavily double galvanized. Rust proof, stock strong, chick tight. Sold direct from factory, freight prepaid anywhere. Mail postal now for free books and sample to test.

Address: **THE BROWN FENCE & WIRE CO.**
Department 87 CLEVELAND, OHIO

S. C. WHITE LEGHORNS

If you intend introducing "new blood" write me. Fifty yearling hens for sale at \$2.00 apiece.

ADAM FISHER, CHARLOTTE, N. C.

See "The **BUCKEYE**"

Guaranteed to hatch every hatchable egg. Over 325,000 in use. Send for Catalogue and dealer's name where you can see one and how it works.

The Buckeye Incubator Co.
525 Euclid Avenue Springfield, Ohio

SOLD AS LOW AS \$10.00

"PITTSBURGH PERFECT" CHICKEN AND RABBIT FENCE

Indispensable to all poultry raisers, large or small. The closest-meshed fence of its kind in the world. The horizontal wires in the bottom portion of this fence are only 1 inch apart, the upright wires being 4 or 6 inches apart, as desired. Affords perfect protection against all prowling, destructive animals, while the smallest chickens can't squeeze through.

The strongest, most durable chicken fence, because it is made of heavy gauge Open Hearth wire, heavily and thoroughly galvanized. Wires at every contact point are **WELDED BY ELECTRICITY**, making a one-piece fabric, easiest to string. No top and bottom boards required. Fewer posts needed.

SOLD BY DEALERS EVERYWHERE

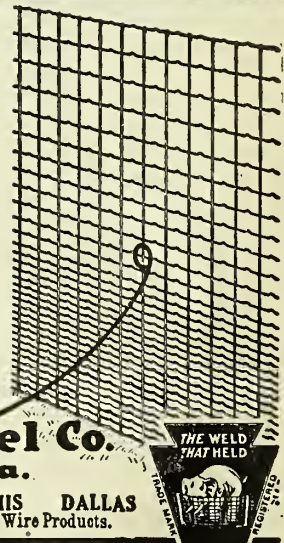
Section of Weld
Amalgamation Perfect

Our new catalogue is full of fence information
Sent free.



Pittsburgh Steel Co.
Pittsburgh, Pa.

NEW YORK CHICAGO ST. LOUIS MEMPHIS DALLAS
Makers of "Pittsburgh Perfect" Brands of Open Hearth Steel Wire Products.



Summer

"BLUE=BAR"

Bargains

NOW IS THE TIME to buy high grade breeding stock cheap. You are thinking of buying this fall, but I want to sell now to make room for my young birds. Can't we get together and save each other money? If you want I will make the terms, fifty per cent cash with order and the balance in sixty days, and if you do not think my Barred Rocks are the best you ever saw for the money, send them back and get your money back. Write for my handsome Catalog—it's free.

L. H. READE

(Highland Park)

Richmond, Va.

ed to oats, and ate a large amount of seed. The court said: "Whatever the decision some hardship must result, and it is well, perhaps, that the question is presented at this time in order that the law may be settled. Strange as it may seem, there appears to be no decision exactly in point.

The rule of the common law, requiring an owner to keep and restrain domestic animals upon his own premises is inapplicable to in this case. The Legislature has authority to change this rule, and it has done so in the case of many kinds of domestic animals, but chickens are not included, the only provision we find in the statutes is one given to cities

right there with the looks—
It's the bird in life that really counts, not pictures in the books.
She's like some men, she drinks a lot, but water doesn't cost,
And she'll be "Johnnie on the spot" when eggs are worth the most.
Now when you get down to the eats they all must back away,
What others gobble in a meal will feed her all the day.
Now, brother man, don't be a chump—open your eyes and see;
Get a great big hunch, buy a speckled bunch
And be happy then, like me.
—(Written by James L. Hendry, Ancona Specialist, Louisville, Ky.)

The "frost-proof" hen may be coming, but the glass hen is here, and one of her June eggs in January did very well. Water glass or silicate of soda is the best family preservative for eggs, and it will pay any farmer to breed the glass hen. Eggs laid in April, May and June are best for preserving. Boil nine gallons of water. After it has cooled pour in one gallon of water glass and stir it thoroughly. Put in a stone jar and gently place in the mixture about thirty dozen eggs. Get them as close to laying as possible and have them clean. Put the jar in the cellar or dark room, cover it over and let it alone until you want the eggs. For family use the glass hen is a wonder.—American Poultry Association Quarterly.

Did you ever notice that the June or July hatched chicks are often marvels in the way of color, though not so large in size until perhaps their second year? I would just as soon have a fall hatched chick as one hatched in the spring. Hens sit in the fall as well as in the spring, and so it must be nature's way. When the hen sits she usually does so through a desire to increase her family. Let nature take its course.

Practically all small fruits do best in partial shade, hence will thrive in an orchard, planted between the trees. But do not expect your orchard and small fruits to go on year after year producing good crops when you return nothing to the soil. Crops of fruits exhaust the soil the same as crops that are grown in the field or garden.

The Industrious Hen,
Louisville, Ky.
Gentlemen: We have had good results this season, and will send in another copy later on. Thanking you very much for your kindness, and with best wishes. We are sincerely,
MAPLE HILL POULTRY FARM.
Per Mary F. Skeene.

Watch for lice on the little chicks; drooping wings, is a good sign.
Milk in any form is good for poultry.

Decherd, Tenn., April 23, 1914.
The Industrious Hen,
Louisville, Ky.
Gentlemen: I have sold all eggs I can deliver this season. Will have some breeders for sale a little later. The Hen has certainly done her part as I only use one other journal. Yours truly,
THOMAS COWAN.

If you have it make use of same, as it will add to your profits and cut down your feed bills.

Pleasant View Poultry Yards

EGGS EGGS EGGS
for sale from my great prize winners, S. C. Black Minorcas, Partridge, Plymouth Rocks and Buff Cochins Bantams. Not quantity, but quality. Write your wants and see if I don't treat you right.
J. A. McQUISTON, Prop.
Greenwood, Indiana

DENSMORE SINGLE COMB WHITE LEGHORNS

BLUE RIBBON WINNERS WHEREVER SHOWN

Have 15 years of improvement back of them. Remember STRAIN is just as important as VARIETY. Careful Records Show Average of 150 eggs per hen in flocks of 1500

EGGS AND CHICKS

From All Special

Matings at

HALF PRICE

Utility Eggs, \$1.00 per 15; \$5.00 per 100.

Day Old Chicks, \$10.00 per 100.

BREEDING STOCK at Greatly Reduced Prices

DENSMORE POULTRY FARMS, Inc.,

R. D. 3,

ROANOKE, VA.

Anconas.

You may talk about your Plymouth Rock, your Wyandotte, or Red;
You may claim that in a contest, each one came out ahead;
You may talk about Minorcas, or the wonderful (?) Campine,
But for eggs in zero weather, it's the Ancona for mine.
You may preach about your Leghorns, and the many eggs they lay;
You may talk of table qualities in other breeds that pay;
You may sing about your Orpington, or the Brahma or the Game,
And what you say about each one, may count for all the same.
But when you come to summing up, just keep your fingers straight;
Subtract for fault, for merit add, to each in proper rate,
And when you draw a line across, and add your fingers up,
You will see that Miss Ancona carries off the silver cup.
You'll find that with the best of them, she is



Barred Plymouth Rocks

Eggs and Baby Chicks

We are now selling eggs from our prize winners of the Chicago, Indianapolis, Memphis, Louisville, Knoxville and Nashville shows at less than half price. They are the same eggs we sold this spring at our regular prices and they are from the same birds we are raising all of our own exhibition stock.

Eggs \$1.00 per 15 \$5.00 per 100

We also offer exceptionally low prices on our surplus breeding stock and as long as they last will sell our best breeders at the closest possible figures. If you are interested in fine Barred Plymouth Rocks, write us and we will send you one of the finest catalogues published of this breed. Write today for 40-page catalogue No. 7

POPE & POPE, Box H

Louisville, Ky.



This department is conducted by the J. A. Thornhill, New Decatur, Ala. If your birds are sick, write him; he will tell you through this department where your trouble lies. If you want a personal reply, send stamped envelope.

Starting a Poultry Farm.

J. A. Thornhill,
New Decatur, Ala.

Dear Sir: I have bought a well improved piece of land in Georgia which has a new house and barn on it. There is plenty of water and a twelve-acre timber lot near the house. Last year ten acres of this land produced \$1,000. Now I intend to go into the market poultry business on a large scale and the object of this letter is to get your opinion of what I should do. I can raise all my feed, which naturally will increase the profits. Help is cheap, which again is in my favor. Don't you think that I can make more on this farm raising and selling poultry than corn, cotton, etc? Yours truly,
Canton, Ohio. A. C. E.

ANSWER.—You fail to mention the amount of your experience. You can take a ten-acre plot of this land, fence and arrange it so as to be easily cared for at the least expense, stock it with stock that are well bred and with proper management make as much, if not more, than you could on all of the balance of the farm in crop. But unless you are already experienced along lines of poultry culture, continue your farming until you have gained enough experience to post you in the different avenues you will be compelled to travel.

Poor Hatchers.

J. A. Thornhill,
New Decatur, Ala.

Dear Sir: Will you give me a little information? I purchased two hundred R. I. eggs for incubators and out of the first hundred hatched 43 per cent; 12 per cent were infertile and 45 per cent had chicks nearly fully developed but died in the shell. The second hundred only hatched thirty-four; fifteen not fertile and fifty-one dead in the shell. This is not my first experience with an incubator; have been at it three years and my former lowest hatch was 83 per cent, so I know it is not the fault of the machine. I run the incubator under the same condition in every way as heretofore. Is it the fault of the eggs? Yours truly,
Buena Vista, Ohio. C. E. R.

ANSWER.—Complaints like yours have been quite numerous this season. There are many contributable causes for infertile and weak germed eggs. In your case, if the incubator received the same attention as in your former hatches the eggs are at fault. No doubt the breeding stock were out of condition at the time of laying the eggs. Condiments will often force egg production to the extent that eggs show up a poor percentage in fertility.

Toulouse Geese Eggs.

J. A. Thornhill,
New Decatur, Ala.

Dear Sir: Will you please tell me where I can get some Toulouse geese eggs. Yours truly,
Ridgecrest, N. C. W. V. P.

ANSWER.—There are several poultry farms where Toulouse geese are raised. It is too bad that one of them does not advertise in the Industrious Hen. I have had several inquiries about them. They are a large bird,

easily raised and on the market demand a good price. Look through the pages of other papers if you cannot find what you want in the Industrious Hen.

Poultry on Gulf Coast.

J. A. Thornhill,
New Decatur, Ala.

Dear Sir: Please advise me as to climate, soil, etc., for poultry on Gulf Coast, near Gulfport, Miss., especially S. C. White Leghorns, and market for eggs if you can furnish this information. Thanking you in advance, I am Yours truly,
Brownsville, Tenn. C. H. B.

ANSWER.—The Gulf Coast country, like all others, has its advantages as well as those that are not. Poultry culture in and around Gulfport, Miss., can be made profitable if judiciously handled. There is a ready market for eggs and poultry. The seasons are early, which enables one to get out their crop of chicks soon after Christmas. As a rule, late hatched stock do not thrive well.

Indigestion.

J. A. Thornhill,
New Decatur, Ala.

Dear Sir: I have some fine Buff Orpington hens that have the gap and I don't know what to do for them and as they are in a bad way I would appreciate it if you would write me a remedy by return mail. I am a subscriber to your valuable paper, The Industrious Hen. Yours for success,
Harriman, Tenn. R. L. H.

ANSWER.—Your hens haven't the gaps, but instead a severe case of indigestion, or they may have the roup. Give them plenty of green food, also one tablespoonful of epsom salts to ten hens and do not feed so liberally on corn and other heavy grains. Keep them exercised and if they do not get better in a few days write me again with full particulars.

"Poultry Diseases and Their Remedies."

THIS is a book that should be in the hands of every poultry raiser; it covers every disease known to effect poultry, giving the cause, symptoms and treatment. It is gotten up in an attractive manner and contains 100 pages of valuable reading matter. You can't afford to be without this book and if you will send us two yearly subscriptions to THE INDUSTRIOUS HEN at 50 cents each, we will mail you the book by return mail prepaid, or send us

75 cents, and we will mail you the book and give you a year's subscription to THE INDUSTRIOUS HEN. Do it now and be prepared to doctor your sick birds.

Keep only pure birds; they not only look better, but they lay more eggs and are better meat than fowls of all kinds and colors. Then, you can sell the surplus cockerels and pullets at better prices for breeding purposes.

Don't be afraid of the market being glutted with poultry and eggs, for the present output does not supply the demands. There is always a demand for strictly fresh eggs and they will bring top prices. Start into the poultry business now and gradually build up a profitable business and be independent.

Give your birds only the best of feed; it is always cheaper in the end. Moldy and inferior feed will cause a fall-off in the egg yield, and in some cases disease.

Whitewash your buildings and coops now. Use a little carbolic acid; it purifies and is deadly to all vermin.

LICE?

The lice question is quickly settled if you dust your fowls with

Conkey's Lice Powder

It's safe, quick and sure. Saves your poultry profits because it

Kills the Lice

Doesn't Harm Chickens

Price 25 cents, 50 cents and \$1.00.

For the mites that hide in the cracks by day and prey on chickens at night, spray your poultry house with

Conkey's Lice Liquid


Cleans them out thoroughly. Quart 35 cents, half gallon 60 cents, gallon \$1.00. For the deadly head louse use

CONKEY'S HEAD LICE OINTMENT

Effective and doesn't harm chicks. 10 and 25 cents. Money back if these preparations do not satisfy.

The G. E. Conkey Co., Cleveland, Ohio

Ask For
Conkey's
Free Poultry Book!



"WHAT DO YOU KNOW ABOUT 'OCULUM'?"

"OCULUM" made 15 cockerels gain, from Sept. to Dec. $\frac{3}{4}$ to 1 $\frac{1}{2}$ lbs. each over 15 others not treated and all kept together, says Seaman & Bogert.

"OCULUM" has performed miracles for us.—Foxhurst Farm.

"I would not think of doing without 'OCULUM' if it cost five times what it does."—U. R. Fishel.

"You surely should have a large sale for 'OCULUM' when its qualities become known."—A. C. Hawkins.

"Never found its equal."—Oscar E. Miles.

"Works like magic."—Trexler Poultry Farm.

"It's a pleasure to commend 'OCULUM.'"—C. H. Latham.

Use "OCULUM" and Cholera, Roup, W. Diarrhea, Blackhead and Leg Weakness will get out and stay out. Dealers 50c and \$1. If skeptical, dime (postage) brings either size. Send balance if O. K.

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H. I. CO., Box M Salem, Va

RHOM BROS. QUALITY BUFF AND PARTRIDGE ROCKS

Winners at Hamilton, Ohio; Springfield, Ill.; Cincinnati, Chicago, Indianapolis and other shows. Won twenty-two silver cups in hot competition. Eggs now one-half price. R. D. No. 3, Fountaintown, Indiana.

RIDGE SPRING POULTRY FARM

RINEYVILLE, KY.

S. C. White Orpingtons and R. C. Rhode Island Whites. Write your wants. We can furnish you at lowest prices.

R. L. WILLMOTH, Business Manager

SEMI-ANNUAL REPORT OF
THE LAYING CONTESTS

Results Secured at the North American International and Connecticut Competitions.

THREE egg-laying competitions, international in character, are now exciting great interest among the practical poultry men of America. These are the North American International Competition, Thorndale, Pa.; the Connecticut Competition, Storrs, Conn., and the Missouri Competition, Mountain Grove, Mo. The two former started November 1, 1913, and have, therefore, completed the twenty-sixth week, or one-half the year. The results for this period are tabulated below. The Missouri event began December 1, 1913, a month later than the others, and for this reason the results secured are not fairly comparable.

The rate of mortality has not been excessive thus far. At Thorndale three deaths are reported among the birds in the competing pens, or three-fifths of one per cent. Thirty-one deaths have occurred at Storrs, or 3 7-10 per cent. The Thorndale layers have exceeded the records made during the same period in the first and second North American competitions, while the Storrs birds have fallen short of these figures. At Thorndale a pen of White Wyandottes leads, with an average production of 119.2 eggs. The second pen, Rhode Island Reds, follows closely, with 118.4 average.

| Breed and Variety | THORNDALE, PA. | | | STORRS, CONN. | | |
|-------------------------|----------------|------------|---------|---------------|------------|---------|
| | Number Birds | Total Eggs | Average | Number Birds | Total Eggs | Average |
| Barred Plymouth Rocks | 20 | 1,556 | 77.7 | 40 | 2,437 | 60.9 |
| White Plymouth Rocks | 30 | 2,325 | 77.5 | 70 | 3,746 | 53.5 |
| Buff Plymouth Rocks | 5 | 554 | 110.8 | 20 | 1,081 | 54.0 |
| Partridge P. Rocks | 5 | 447 | 89.4 | 0 | .... | ... |
| Columbian P. Rocks | 5 | 484 | 96.8 | 0 | .... | ... |
| Silver Wyandottes | 5 | 425 | 85.0 | 0 | .... | ... |
| White Wyandottes | 45 | 4,274 | 94.9 | 50 | 4,207 | 84.1 |
| Buff Wyandottes | 5 | 167 | 33.4 | 40 | 2,194 | 54.8 |
| Columbian Wyandottes | 5 | 423 | 84.6 | 10 | 547 | 54.7 |
| S. C. R. I. Reds | 50 | 4,203 | 84.0 | 130 | 7,872 | 60.5 |
| R. C. R. I. Reds | 15 | 1,230 | 82.0 | 20 | 1,163 | 58.0 |
| Light Brahmas | 5 | 122 | 24.4 | 0 | .... | ... |
| S. C. Brown Leghorns | 5 | 434 | 86.8 | 0 | .... | ... |
| S. C. White Leghorns | 215 | 18,516 | 86.1 | 330 | 20,064 | 60.8 |
| R. C. White Leghorns | 5 | 274 | 54.8 | 0 | .... | ... |
| S. C. Buff Leghorns | 5 | 388 | 77.6 | 10 | 618 | 61.8 |
| S. C. Red Pyle Leghorns | 5 | 493 | 98.6 | 0 | .... | ... |
| Blue Andalusians | 0 | .... | ... | 10 | 492 | 49.2 |
| Anconas | 15 | 1,248 | 83.2 | 0 | .... | ... |
| Silver Campines | 5 | 313 | 62.6 | 10 | 429 | 42.9 |
| S. C. Buff Orpingtons | 20 | 1,641 | 82.0 | 10 | 500 | 50.0 |
| S. C. White Orpingtons | 25 | 1,866 | 74.6 | 10 | 455 | 45.5 |
| Silver Sp'g'd Hamburgs | 5 | 318 | 63.6 | 0 | .... | ... |
| W. Laced Red Cornish | 0 | .... | ... | 10 | 320 | 32.0 |
| "Hens" | 0 | .... | ... | 50 | 2,684 | 53.6 |
| Grand Total | 500 | 41,701 | | 820 | 48,809 | |
| North American Avg. | | | 83.4 | | | |
| Storrs College Avg. | | | | | | 59.5 |

There are 100 pens of five birds each entered in the North American competition, a total of 500 layers. This is the third annual competition under the same management. The two preceding events were staged at Storrs, Conn.

The Connecticut competition includes eighty-two pens of ten birds each, a total of 820 layers. This is the first Connecticut contest under the present management, and is quartered in the same buildings used during the first and second North American competitions.

In each case the feeding methods are virtually the same. Dry mash is kept before the fowls at all times, and the scratch grain is supplied in automatic feeders, which are operated by the birds. Both plants are equipped with Stoneburn trap nests, and thus the egg production of each individual layer is ascertained.

The accompanying table shows the total number of birds of each breed and variety entered in the two contests, their total and average egg yield. This record covers the twenty-six weeks from November 1, 1913, to May 1, 1914, and is compiled from the official reports.

A White Wyandotte pen leads at Storrs also, the average being 107.5 eggs. White Leghorns are second, with an average production of 96.3 eggs.

When considering grand totals and averages, it will be observed that the average production at Thorndale is practically two dozen eggs greater than at Storrs. This brings home to the business poultryman the necessity of so breeding and managing his stock as to secure maximum yields. With such items as cost of housing, feed and labor practically constant, the amount of profit may be greatly increased by securing a few extra eggs from each layer. If these fresh, infertile eggs were worth 3 cents each during the period covered by this report, the income per bird at Thorndale was 72 cents greater than at Storrs. For the flock of 500 layers this makes an additional income of \$360 for the six months period. On a basis of 820 layers, this would amount to \$590.40, which is quite an item to the poultryman.

The average American hen lays about six dozen eggs per year. These contests are proving that it is possible to increase the yield by 100 per cent. An increase of only 10 per cent would mean the creation each year of many millions of dollars of national wealth.

WE WANT 10,000 MORE NEW
SUBSCRIBERS IN THE
NEXT 90 DAYS

In order to increase our circulation within the next 90 days we are going to give away as premiums to every one who takes subscriptions for us among their friends, INCUBATORS, BROODERS, PURE BRED BIRDS (any variety), EGGS FOR HATCHING (any variety), DINNER SETS, POULTRY BOOKS, LEG BANDS, POULTRY PUNCHES, ETC. We want you to act as our agent in your neighborhood and if you do not want the valuable premiums we offer you we will give you a cash salary each week. Every farmer will be glad to read THE INDUSTRIOUS HEN. All you have to do is to show a copy of the paper and take the order. It is something they need and appreciate.

Take each subscription at 50 cents per year. Write us for samples of paper and we will mail them promptly.

- FOR ONE SUBSCRIBER—
 - 25 Leg Bands.
 - One Petty's Poultry Punch.
 - Any 25 cent Poultry Book on the market.
 - One pair of guaranteed Shears.
- FOR TWO SUBSCRIBERS—
 - Copy of Poultry Diseases and Their Remedies.
 - Any 50 cent Poultry Paper published and a year's subscription to THE INDUSTRIOUS HEN.
 - 50 Leg Bands.
 - A 25-word Classified Advertisement one month in THE INDUSTRIOUS HEN.
- FOR FOUR SUBSCRIBERS—
 - 100 Leg Bands.
 - Any \$1.00 Poultry Book on the market.
 - One Lock Stitch Sewing Awl.
 - One Farmer's Handy Tool Set.
 - One high-grade pearl handled Pocket Knife.
- FOR EIGHT SUBSCRIBERS—
 - One Setting of Eggs (15) any variety.
 - One No. 5 Red Chief Hand Mill.
 - One pure-bred Male or Female, any variety.
- FOR FIFTEEN SUBSCRIBERS—
 - One Setting of Eggs (15), any variety.
 - One Male and Female (pair) pure-bred Birds, any variety.
 - One handsome Dinner Set.
 - One 40-word Classified Advertisement in THE INDUSTRIOUS HEN three months.
- FOR TWENTY SUBSCRIBERS—
 - One beautiful 26-piece Silver Set.
 - One 60-egg Incubator.
 - One setting of Exhibition Eggs (15), any variety.
 - One trio good breeding Birds, any variety.
 - One 40-word Classified Advertisement in THE INDUSTRIOUS HEN for six months.
 - One 60-chick Brooder.

If you wish, premiums may be combined. For 12 subscriptions for instance, you may select one of the premiums offered for 4 subscriptions and one of those offered for 8 subscriptions. Get busy at once and write for your territory and secure some of these valuable premiums.

Address,

BLAIR-YOUNG PUBLISHING CO.
American National Bank Bldg.
LOUISVILLE, KY.

A SET OF FINE FORMULAS TO ORDER Carefully calculated for best results in

Egg Production

GOOD FOR ALL SEASONS AND CLIMATES. PARTICULARS FREE; ADDRESS

E. W. GOOD, No. A 25 RICHMOND, IND.



If you are Secretary of your Specialty Club, Poultry Show or Association, be sure to send in your news each month for this department. We will gladly publish same free for you. Also let your members know what the Club and Association are doing. Keep them posted.

THE BLUE ANDALUSIAN CLUB OF AMERICA.

Report of the Meeting at Chicago and Permanent Organization.

After many months of incessant labor, the Andalusian breeders of America find themselves backed by a real live club to promote their interests and those of this useful and beautiful bird.

At a meeting held in Chicago, Tuesday, December 16, 1913, the new club was formed and plans discussed to make this one of the best specialty clubs in America. This meeting was called to order by Mr. L. C. Taylor, of Gibsonburg, Ohio, and Mr. H. L. Peck, of Champaign, Ill., acting as temporary secretary. On motion these officers were made permanent and the new club was soon under way.

The following well known breeders and exhibitors were elected to serve this club until the annual meeting in 1915:

E. D. Bird, President, Greenwich, Conn.
Theo. Hollister, Vice-President, Duluth, Minn.

F. L. Garnett, Secretary V. P., Nottingham, Ohio.

H. L. Peck, Secretary-Treasurer, Champaign, Ill.

Executive Committee—J. R. Huddleston, Los Angeles, Cal.; L. C. Taylor, Gibsonburg, Ohio; W. G. Kohl, Iowa City, Ia.; C. C. Stauffer, Clinton, Conn.; Mrs. Clark Tuthill, Waverly, N. Y.; R. Treweek, Denver, Col.; V. H. Councill, Warrenton, Va.; J. E. Bliss, Clinton, Conn.; Mrs. L. C. Boggs, Bloomington, Ind.

Reports were read from the meeting held at the Grand Central Palace Show early in December and their recommendations for officers were given due consideration. Many other communications from breeders and friends of the new club were read and disposed of in the usual way.

It was decided to offer ribbons at all poultry shows in the country where members compete and to give silver trophies and cash specials at national, State and district meetings.

Application has been made to the A. P. A. for membership and we hope to have a nice write up in the February bulletin.

The secretary was instructed to prepare the First Annual Year Book and send same to all our members at the earliest possible time. Articles of great importance are now being prepared and it is hoped that this book will be in the hands of all members by April 1, 1914.

The new club starts off with a good membership which the officers think will be increased to 200 in a very short time.

Arrangements are under way for the second annual meeting of this club and the secretary will be pleased to hear from show secretaries along these lines, in return we will show the largest class of Andalusians ever cooped in the United States.

The new club wants to be of assistance to you and in return will appreciate your cooperation and membership. Application may be made at any time to the secretary.

THE BLUE ANDALUSIAN CLUB OF AMERICA.

By E. D. Bird, President.

Attest, H. L. Peck, Secretary-Treasurer.

Tri-State Poultry Association.

The Tri-State Poultry Association, of Memphis, Tenn., has increased its premium list this year by several hundred dollars and many silver cups. This show has now a more attractive premium list than any of the Southern fairs and as good as the best of the winter shows.

Among the judges selected are Mr. L. A. Stahmer, the famous poultry artist who will,

in addition, deliver lectures daily that are illustrated with the latest and most wonderful colored slides and stereopticon views. Another judge is Mr. E. C. Branch, of Lees Summit, Mo., who pays no attention to the passing fads and fancies, but renders the correct adaptation of the standard. Mr. Branch is on the Revision Committee of the American Poultry Association.

Memphis, at the head of the fertile Mississippi Valley, and the gateway to the greatest Southwest and South, offers unusual opportunities to the exhibitors who want to exhibit their birds with the greatest reputation for cash sales and where the demand has always exceeded the supply.

Reserve a premium list now by sending your name now to Martin F. Schultes, secretary, "Albashire," Bartlett, Tenn.

Kentucky State Poultry Show.

Mrs. C. M. Vertrees, Cecilia, Ky., secretary of the Kentucky branch of the American Rhode Island White Association, has written to the Kentucky State Poultry Show at Lexington that the State cup and ribbons for this variety of birds will be offered at Lexington during the State show, January 4 to 9, 1915.

A large number of other associations have written that their State cups and badges will be offered at the State show this year. The experiment station has planned to put on the biggest show during its Farmers' week next winter that has ever been held south of the Ohio river.

Missouri State Poultry Show.

The Missouri State Poultry Association will hold a Silver Jubilee show in the Coliseum, St. Louis, Mo., Thanksgiving week, November 24 to 29, 1914. This being the twenty-fifth anniversary of the State Association, it is planned to celebrate this anniversary by giving the largest and best show in the history of the association. It is a well known fact that the Missouri State show is one of the great shows of the country every year. The following judges have been secured to place the awards: Branch, Hicks, Southard, Emery, Rhodes, Thompson and Heimlich. For further information please address Fred Crosby, secretary, 3251 Gillham Road, Kansas City, Mo.

Greater Buffalo Show For 1914.

The Greater Buffalo Show of 1913 was one of the most successful poultry exhibitions ever held in the Queen City. It was conceded to be the most beautiful show in arrangement of cages and decorations.

The management takes pleasure in announcing that new and even more attractive features will be added to the Greater Buffalo Show of 1914, which will be held in the Broadway Auditorium, November 23rd to 29th, 1914.

As many sales were made at the great 1913 show. Exhibitors who were present, will return in 1914.

Breeders, who intend exhibiting at the Greater Buffalo Show in 1914 should send their names and addresses to J. H. Drevenstedt, secretary, 506 Electric Building, Buffalo, N. Y., so that they may receive full printed circulars of the great event from time to time.

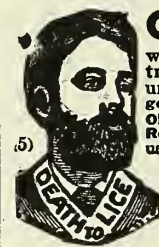
Yours very truly,
J. H. DREVENSTEDT, Secretary.

White Plymouth Rock Club.

At the recent annual meeting of the White Plymouth Rock Club, the following officers were elected: President, Chas. H. Ward, Bethel, Conn.; secretary-treasurer, Martin F. Schultes, Bartlett, Tenn.; Executive Committee, Dr. L. D. LeGear, St. Louis, Mo.; Geo. H. Hilderbrand, Meadville, Pa.; and U. R. Fishel, Hope, Ind.

Much good business for the benefit of the club and breed was transacted, while progressive measures were adopted that will produce excellent results for the breeder of this popular variety.

Some of the important resolutions passed were: To request the Revision Committee of the American Poultry Association to leave the weights of Plymouth Rocks as they are. All elections in the future to be by mail ballot. That all advertising in future should carry the full name of the breed—White Plymouth Rocks. That all members who join now can have their dues extended to July 1, 1915, thus participating in the benefits from both years. Dues are only \$1, which includes the application fee and should be sent to the White Plymouth Rock Club, "Albashire," Bartlett, Tenn.



Chicken Thieves

will not create as much loss in your poultry yards as a horde of lice left to work undisturbed. O. K. your Profits by getting rid of these robbers. It's easy with the Old Reliable LAMBERT'S "Death to Lice"

used by successful breeders for over 30 years. Lambert's will not harm eggs, hens or chicks and is sure death to lice. Price 10, 25, 50 and \$1. Write for FREE copy of "Pocketbook of Pointers" by D. J. Lambert.

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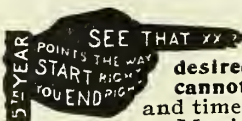
Dumaiesq Buttercups

Eggs and stock for sale. Exhibition fowls a specialty. My patrons have won firsts at Madison Square, Palace Show, Boston, Canada, also in England, and many smaller exhibits. Pens mated with strong, vigorous, standard birds. Write for circular. Address MRS. J. S. DUMAIESQ, Cato's Hall, Easton, Md., R. No. 5. Treasurer A. B. C.

S. C. WHITE LEGHORNS

Eggs from prize winning and business birds, balance of season \$2.00 per 15; \$5.00 per 50; \$8.00 per 100.

C. W. ANDERSON, Spartanburg, South Carolina.



"NEVER TOO LATE TO MEND."

Give the wonderful Magic Egg Tester a trial. Money back if desired. Picks out the best eggs to set or incubate. Rejects the eggs that cannot be hatched. \$2.00 each. Fully guaranteed. Write for circular and time given for trial. Also ask how to get it on the Rental Plan. Magic Egg Tester Works, Dept. G Buffalo, N. Y., also Bridgeburg, Can.

LIGHT BRAHMAS

"The Felch Strain that always wins in every show"

—I also breed Dark Cornish, S. C. Black Minorcas, Barred Rocks, and Turkey Grey Pit Games that will win for you. Eggs in season. Write your wants.

W. R. BARNER

BARBOURVILLE, KENTUCKY

Success With the Poultry Business.

ANY thing that is worth doing at all is worth doing well. This old saying applies very forcibly to the poultry industry. I am keeping within the range of truth when I declare that all the failures in this business arise from the want of care. If you are a man and your occupation is such that you can't give proper attention to fowls and chicks, take my advice, and do not attempt it. You will only add one more to the list of failures. This will discourage you and force you to testify as so many have done that there is no money in poultry. But if you have a wife that is as much interested as yourself, you may safely embark in that occupation by degrees, providing you surround yourself with the best poultry books and magazines. Do a whole lot of reading and a whole lot of hard thinking. Then proceed with care. Right here, do not forget to make your companion your counsellor. She is as much interested as you can possibly be and her advice cannot be ignored. Besides, this plan will add pleasure as you go along. Under these conditions you cannot possibly go wrong.

If you are now determined and wish to cater to the fancy add to your list of books a Standard of Perfection. It is imperative that you keep in touch with this authority. Every time that this book is revised, lay the old one on the shelf and secure a new one. Learn all you can from magazines and books on the subject of breeding. Also subjects of care and feeding. When you feel sure that you are well loaded with reliable information, begin.

In selecting your variety it would be well to look over the classified advertising and note the different breeds that appear to receive the most attention. If, after all the summing up, you should find that Plymouth Rocks were in the lead, you will be safe in adopting that breed. So far as comparative merits are concerned, no one breed has a monopoly. After all it is not so much in the breed as in the feed. But in the case of the fancy, you should start with something that is well advertised. In this way you will be able to profit by somebody else's advertising appropriation. If you should feel moved to start with a rare breed, to market its products would require much publicity. So you will be safer to adopt one of the more common breeds that is already well advertised.

It is a question which is better to begin with—day-old chicks, eggs for hatching or a breeding yard. While each of these plants have their advantages, the writer would prefer the last one. If the yard is well selected, a little business can be done from the start. I would advise, however, that this be confined locally. It would not be well to undertake any foreign business before you are good and ready. You want to be right sure that you have a superior strain of your own and plenty of stock and eggs before you attempt advertising in magazines. Then, when you start in in this game start in a modest way,

confining yourself to the truth about your birds. Your success will depend much upon a correct representation of your fowls. By being careful about this matter, the demands for your products will soon exceed the supply. This will force a further development of your poultry plant, which always adds interest and enthusiasm to this occupation.

The matter of housing has much to do with poultry success. Architecture has nothing to do with the comfort of fowls. But sanitation has everything to do with it. Whatever plan of coop be adopted, the central idea demands a place absolutely free from dampness and drafts. As a rule, the roosting place should be greater in the north and south dimensions than the east and west. The roosts should be placed at the extreme north side of the room. This will do away with direct drafts. The inside arrangement should be so arranged that the attendant can clean out and disinfect at least weekly. This will help along the line of prevention of vermin and disease.

After everything is ready for business, close attention must be given to feed and care. It will be observed that fowls are naturally active. During this activity, there is a constant sapping of vitality. To maintain the fowl during this condition, food must be resorted to in order to keep up the supply of energy. Also, if egg production is desirable, sufficient food must be given additional to produce the required quantity. Of course there is a limit to egg production. The 300-egg hen has not yet arrived. Although there are records that have approached that number. However, 300 eggs per annum is within the realm of possibility. Scientific breeding and scientific feeding will yet attain that goal. Heavy laying calls for heavy feeding. Heavy feeding demands the very highest type of breeding from the standpoint of health and vigor. It is very doubtful that there is a strain of birds on earth that can stand the work of producing 300 eggs in a year. I would not attempt to force that record except in rare cases.

As to the feeding, this is one of the most important subjects in poultry culture. It is safe to state that fully half of all the poultry feed of this country is more than wasted. Not one in ten thousand has the knowledge of balancing feeds properly for egg production. It is not an easy matter. At some future time I

may write an article on feeding for egg production for the readers of The Industrious Hen. The amount of space at my command will not allow me to take the matter up now. However, I will give you a few ideas.

The main thing in poultry feeding consists in giving your fowls a ration so balanced that they cannot eat so much of it that they become neither overfat or too lean. This is the ideal to be obtained. Now to accomplish this, a standing must be adopted for summer feeding and a standard must be adopted for winter feeding. The nutritive ratio of each standard must of necessity be different. The winter standard calls for more fuel than that of summer. Just how much more fuel depends upon the severity of the weather. Of course the colder the weather the more fuel will be required. Then changing from winter to summer feeding requires careful calculations, as the change should be made gradual. This plan of balancing foods is in harmony with all the different degrees of temperature. You may smile when I tell you that the very highest egg production demands

(Continued on page 20.)

White Wyandottes

Winners and layers. Have sold my Reds. Will devote my time to Wyandottes exclusively. Eggs, \$2 and \$5.

C. A. ADAMS, Route 1, Fairburn, Ga.

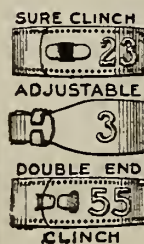
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TURKEY & WATER FOWL

DEPARTMENT

This department is conducted by J. C. Clipp, Saltillo, Ind., and any questions that you wish to ask will be answered through this department, if addressed to Mr. Clipp at Saltillo, Ind. If a personal reply is wanted, enclose a stamped envelope.

"Dear Mr. Clipp, I have tried your remedy, London Purple, for lice and gapes on chickens and turkeys as recommended in *The Industrious Hen* a few weeks ago and find we do not have gapes any more. I am so thankful to you for this information. Will you please advise me through the columns of *The Hen*, in regard to Pekin ducks are they easily raised and are they profitable?"

"Kentucky"

MRS. V. T. B.

The hatching and rearing of Pekin ducks we consider a very important branch of poultry keeping. The rearing of any duck is very profitable and I see no reason why any one could not make good money with any variety of ducks. When we raised Pekin ducks we considered the business a very pleasant and profitable part of our poultry keeping. The only reason we are not growing Pekin ducks, is, we already have more than we can do and must omit many things we know is profitable. It is a pleasure to any one that loves good fowls to care for the large, creamy-white beauties; and then they are so easy to care for, much easier than the Indian Runners, as they do not range so far and more easily fenced in than any duck we ever raised. It appears that nature has paved the way for the large Pekins that they do not come in contact with so many accidents as the smaller breeds. I can't say that I am altogether partial to the Pekin ducks as there are many other good varieties we would take on, if we had the time to handle them. We only have the time to handle a few special varieties, but if I was a rich man I would have every known variety of ducks and water fowls, not only for pleasure but for profit. However, if I were to consider this matter only from a profitable point of view, I would breed only one variety as I think any one can have better success with only one variety. The specialist, in this day appear to meet with better success than the variety breeder.

While this is true with the majority, yet at same time, there are a number of variety breeders that are making good. There is one redeeming feature about the Pekin, and that is, they are very hardy and long-lived. They have been known to live to the ripe old age of 20 or more years. They are very timid, that is true, but at the same time they lay well, during the laying season, are a fine table fowl and produce feathers that sell for the highest market price. We never force our ducks for eggs, consequently avoid having them becoming over fat. I don't know of any variety of ducks that are more easily raised than the Pekin. If you avoid in-breeding they are extremely hardy. We mate

five ducks to one drake unrelated. I have used as high as seven females to one male, but owing to their large size I find that they will produce much higher fertile eggs where only five ducks are mated to one male. With Indian Runners, we can mate seven ducks easily to one male, but not so with the Pekins. Don't set your duck eggs too early, but wait until the weather gets warm and then set your eggs so that the ducklings will come off in mild weather and you will have much better success. To answer your question directly, I would say that the Pekins are

they are small and very inferior otherwise. The Imperial Pekin duck is but little less than the goose and have a very beautiful creamy colored plumage. They are very attractive in the show room and on the farm as well. About the prettiest sight any one can see is a flock of well bred Pekins on the farm. But the main feature about them is a well fattened Pekin duck makes a fine roast for any ordinary sized family. There is no question about the popularity of the Pekin, as one Pekin breeder told me last winter that he could not any ways near supply the demand for both stock and eggs. I remember some years ago at Louisville, in the old Music Hall poultry show, an exhibitor there had on display the finest Pekins I had ever seen at that time. I asked him the price of eggs, thinking I would engage some eggs. He told me his price, which was \$3.00 per setting, I think, but said, "I would like to have your order, but could not furnish the eggs at any price as I have more orders booked now than I can possibly produce and must retain a few for myself." This same cry among our best breeders is in vogue today, hence, the Pekin is to the American breeders the same as the



Scene on Dun Robin Farm; W. J. Brenkley, Prop., Iuka, Miss.

very profitable and you will make no mistake in breeding them. You will soon learn that one duck will eat about as much as three chickens, so you must feed according to their ability to consume the food. While the ducks eat more than the chickens, yet they mature much faster and reach market age, much earlier than chickens, hence, as profitable if not more so than chickens, considering the early market prices received for ducks over the late arrival of chicks and the slump in prices for chicks. Remember that all white ducks are not Pekins, as there are possibly two varieties called Pekins, while there is but one real Pekin, and that is the Imperial Pekin as bred by the large breeders in the East. The medium sized white ducks as commonly seen on Western farms are not the "Imperial Pekin", as

Plymouth Rocks in the chicken family, of breeders. If I wished to breed a large variety and preferred a cream color, I certainly would select the Pekin.

ANCONAS

Madison Square Garden Winners.

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Buff Orpington Ducks Exclusively

Frank's Quality Strain Quality, Size, Beauty, Vitality. We won more and better prizes than any other breeder in 1914, at Atlanta, Louisville, Memphis and Birmingham. **Eggs for Hatching**, 13 large white eggs for \$3.50, \$5.00, 10 ducklings out of every setting guaranteed. Our new Catalogue is out, it is free, write for a copy today.

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For EGGS and STOCK

from Leading Strains of Poultry, write

J. D. GARBER

Harrisonburg, Va.

Special Mated Pens at Very Reasonable Prices

If a large variety of colored ducks, then I would select the Rouen, as they too are very popular and as beautiful in color as nature could paint any feathered fowl.

J. C. CLIPP.

Utility and Fancy Pigeons

By JOHN A. PORTER, Porterdale, Ga.

RAISING SQUABS FOR PROFIT AND PLEASURE.

TO BE successful in the squab business one does not require a college education, but at the same time no one should attempt to undertake the management of a pigeon plant who does not possess a fair amount of good common sense and plenty of patience.

So many people read a little about how another person made so much a year in raising squabs and at once jump to the conclusion that all they have to do is to build a house and flying pen, fill it up with a bunch of pigeons, which nine times out of ten they pick up cheap from some neighbor who has become tired of them and is offering them "at a bargain." They throw them in some feed, give them water and then expect great results. If that is the way you intend to go into the squab business, DON'T even start up.

On the other hand, the man or woman who really like their birds and take an interest in them, not only for the financial returns, but simply because they like to see their pets happy and contented all day busily feeding their young or getting material collected to make a nest for another lot of eggs, will have a nice little balance at the end of the year and still have their pigeons to work as well, or even better, for them the next year; for when once mated a pair of pigeons is good for six or seven years of good, hard work, with proper care—unlike the chicken business, where you have to raise a lot of pullets every year.

To start in the pigeon business it is not necessary to build any fine and expensive buildings. A nice-sized house for about 50 pairs of birds is 10x12 feet, six feet high on the low side and eight feet on the high side. Cover the roof with two-ply roofing paper and the sides with one-ply paper with battens on the joists and down the middle of each strip. The floor should be at least a foot off the ground and either made of cheap flooring or shiplap and as tight as possible. The nicest things for nests are orange crates, stood in a row on a shelf about 10 inches from the floor. These can be built one on top of the other as the number of birds increase and more nesting room is needed. They should be dipped in a good strong lime wash solution about twice a year. There must be one crate (two nests) for each pair of birds, as the pigeons will begin

making another nest several days before the young pair of squabs are old enough to leave the old nest.

There are several ways of feeding the birds, either having certain meal times or the hopper method. The writer prefers the latter as the pigeons will not gorge themselves and then, if the owner has other business he can go away and attend to it resting easy that his pets will not be suffering for something to eat. But whichever way you decide on doing always remember that the grain must be clean and dry. Sprouted or sour kernels of grain are almost certain death to pigeons.

The birds need plenty of fresh water and the only way to have this where running water is not practicable, is a good galvanized water fountain. In the summer a bathpan should be placed in the fly pen for them to bathe in and on real nice sunny days in winter a bath won't do them any harm; but don't give them a bath through real cold zero weather, as the water will freeze to their plumage and when they go back on to their nests will not only make the eggs wet and cold, but also cause them to adhere to the feathers of the bird and so get dropped out of the nest and broken.

Pigeons must have a variety of feed. Red wheat (never yellow), whole corn, peas, buckwheat, millet, kaffir corn, hemp seed and rice are all very much appreciated. Of course, some of the above cannot be used as a regular diet. I fill my hoppers with a mixture of one part whole corn, one part kaffir corn and three parts red wheat. The birds can always get this at any time. In the morning I give them either a few handfuls of millet or peas and once a week I give them a Sunday breakfast of hemp and rice.

Last, but not least, comes the birds. I could fill a whole book on that subject, there are so many beautiful kinds.

There is the busy, lively Homer; the big, heavy, sober-looking Carneau; the old Maltese Hen; the White King; the Mondaine, and so on. But my advice is to look around and do just as if you were going into the chicken business, and after careful consideration take up with the breed that takes your fancy the best.

For my part, I am divided between the Carneau and the Homers, the merits of both of which I hope to discuss through the medium of your valuable paper in the future.—Ex.

Coming Attractions

B. F. KEITH'S—Fourth and Chestnut.

Combining the comforts of a delightfully cool theater and the best products in the way of feature film exhibitions, the popularity of B. F. Keith's theater as a summer amusement center continues. For the week of June 14 the attraction will be a six part human interest masterpiece entitled "Mr. Barnes of New York." Besides the thrilling dramatic situations of this production, it also contains a vein of sparkling comedy. For the week of June 21 two different subjects will be offered. The first half of the week will be given over to the Klaw and Erlanger production called "Classmates," a story of West Point and the South American jungle, and for the later half "Seven Days," from the popular play and novel by that name.

NATIONAL THEATER—Fifth and Walnut.

Starting June 8 and continuing through the summer this big and beautiful playhouse which is now known as "the cool spot," will be devoted exclusively to high class moving pictures. An entire change of program twice a week. Continuous performances daily from 1:30 to 5:30 p. m. and from 7:00 to 11:00 p. m. Admission 10 cents, good for any lower floor seat. In addition to presenting such feature films as can be seen otherwise only in New York and Chicago, the National will continue to exhibit the ever-popular Keystone comedies and other pleasing pictures. Because of its spaciousness and unusual cooling facilities, the house is particularly well adapted for photo-play entertainment.

FONTAINE FERRY—"The Park Beautiful."

When in Louisville, don't fail to visit this beautiful park. Spend an afternoon or evening here along the banks of the Ohio, where it is cool and pleasant at all times. High class attractions for both old and young. Extra good vaudeville, sanitary swimming pool and large dance pavillion. Open air concerts given by Natiello's celebrated band. It is also to be noted that admission to Fontaine Ferry at any time up to 6 p. m. is free.

WALNUT THEATER—Opposite Watterson Hotel.

Pictures and music to please every taste. Continuous performances 11 p. m. Absolutely the coolest theater in Louisville. Price 5 cents.



ORPINGTONS, S. C. Whites.

"Jim Dandy" took sweep stakes for best bird in St. Louis show. Third pullet, 4th hen, 1st pen, 2nd cockerel, Kansas City show. Write for prices.

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Three—Fishel strain. Will sell the three birds for \$10.00. These birds are very cheap at this price. Very large, nice shape and pure white, no brassy effect. Also have a fine bunch of squab breeders in Corneaux, exhibition Homers, show Homers and Racing Homers. The best in the country. I will guarantee to please you or refund your money.

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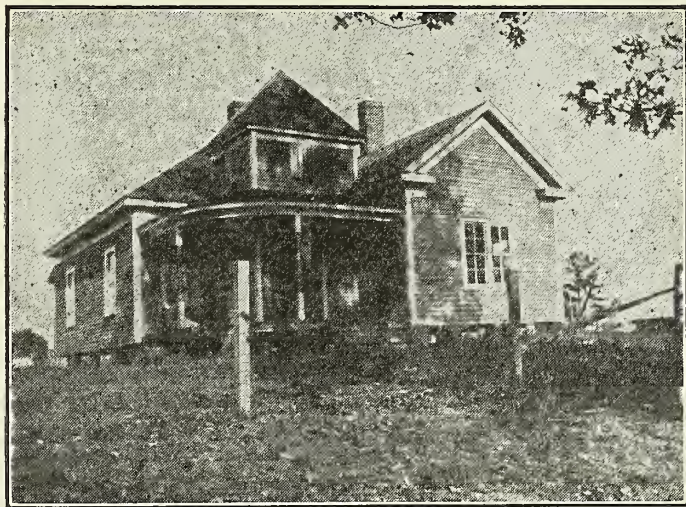
THE REED PIGEON LOFTS

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Offers the best CARNEAUX for Show and Utility. White Kings, White Maltese and large Homers. Single birds and mated pairs at prices in keeping with quality. Correspondence a pleasure. Satisfaction guaranteed.

(Continued on page 17.)

a thermometer in the hen room. What would you think of the florist or indoor gardener who failed to take the temperature every hour of the day? Is it any more necessary for them than it is for the poultryman? How can you tell how much fuel to add, if ignorant of the temperature? Now I do not mean by this that you are to change the feed every time the weather changes, but I do mean that the temperature of the house should be kept as even as possible throughout the year for best results. The temperature of summer is naturally well regulated, providing the fowls have access to cool shade and water. In the winter it is not so easy. I am not sure but what poultrymen may yet be driven to artificial heat. Coal is certainly cheaper for fuel than the grains. Should any one attempt the artificial heat plan, take my advice, and keep your fowls indoors all winter. But keep the house strictly sani-



Residence of the Superintendent of Dun Robin Farm, Iuka, Miss.

tary. It might be said in closing that if this plan of heating were the fashion, a single formula with a single nutritive ratio might be made the standard the whole year.

I fully believe that any man that cares to do business for himself can make a grand success of the poultry business, providing he be guided by the suggestions in this article. I for one would be glad to see a million men gain their freedom from wage slavery in 1915. This is one of many ways that this can be done. Stick to your present job until your home companion places your poultry plant upon a paying basis, sufficient to make a fair living, then bid good-by to outside labor.

E. W. GOOD.

Dayton, Ohio.

Penciled Runners Have Fulfilled Conditions.

Notice is hereby given all interested breeders that the Cumberland White-Egg Indian Runner Club has filed with the secretary of the American Poultry Association all the required papers for the admission of the Penciled Runner to the American Standard of Perfection, in due form. As far as is now known to it, the Cumberland Club is the only group of Runner breeders to have filed all the required papers.

The magnificent carriage, type and gait in Runners recently shown at New York and other Eastern shows by both American and English breeders will forever set at rest the question as to true Runner quality. It is

confidently expected that the Runner ducks will now enter upon an era of progress and conquest such as has never before been known. With the best egg and the best flesh of any known domestic fowls and with harmony prevailing among all who desire the best good of the best Runners, their future course should be straight onward and upward continuously.

C. S. VALENTINE, President.

MRS. ANDREW BROOKS,
Vice-President.

WM. C. DEGELMAN,
Secretary.

Fontaine Ferry, "The Park Beautiful."

Fontaine Ferry, Louisville's foremost summer resort, is coming into greater popularity than ever this season. While always earning its long-given title, "The Park Beautiful," because of its countless shade trees, spacious lawns and natural beauty otherwise, the big pleasure spot along the Ohio river has been given several noteworthy additions, which add to it both from a decorative as well as entertainment standpoint.

The most conspicuous improvement at Fontaine Ferry this season is the "Rainbow Esplanade." A construction consisting of 25,000 square feet of covered walk, beautifully decorated and illuminated at night. It adds

also been reserved by the Fontaine Ferry management for those desiring to bring their lunch baskets with them and make their visit to "The Park Beautiful" take on the nature of an old-fashioned outing.

Rhode Island Reds

If you want the best Reds in the world or simply common, cheap Reds, do not send to me. I have neither. Mine are fine, well-bred birds. Winners, year round layers, hence payers. You want some eggs to hatch from these. Write for mating list. D. MATT THOMPSON, Box B, Statesville, N. C.

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WINNERS WHEREVER SHOWN

Eggs half price after May 10. Also some choice breeders from our breeding pens at reduced prices. Address

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Conkey's Starting Food for Baby Chicks

Is a ready prepared food that supplies the right elements for proper nourishment and vigor. Its use

Makes Chicks Sturdy

Prepares and strengthens them for regular ration. Saves trouble and worry.

Lessens Leg Weakness

Guaranteed to satisfy or money back. 25 lbs. \$1.65, 50 lbs. \$3, 100 lbs. \$5.75. Small sizes 10c, 25c, 50c and \$1.

Conkey's Lice Powder

Dusted on sitting hens rids them of lice and keeps chicks free from these disease breeding pests. 10c, 25c, 50c and \$1 pkgs. The G. E. Conkey Co., Cleveland, O.



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Young strain. Cheap prices and quick buyers.

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From as fine a pen of Buffs as there is in Tennessee and direct from Cook. Eggs, \$1.00 for 15. Breeders of Buff and White Orpingtons and White African Guineas.

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Popular Talks
on Law

By WALTER K. TOWERS, A. B., J. D.,
of the Michigan Bar

The Law of Growing Crops.

By Walter K. Towers, A.B., J.D., of the Michigan Bar.

JOHN SKINNER planted a row of apple trees on his own land, some six feet from the boundary line. The trees flourished and eventually the branches extended over Neighbor Wilder's property and the roots, being no respecters of legal titles, pushed across under Wilder's soil. In a fall of big fruit crops the sight of so much fine fruit hanging above his property aroused Wilder. He bethought himself of the principle of law that a man's property extends indefinitely upward and indefinitely downward, got his ladder, and leaning it against the branches above his own property, picked the fruit that dangled there. He kept entirely on and over his own land in harvesting the fruit.

Skinner sued Wilder for unlawfully taking his apples and recovered damages. The court ruled that though the apples dangled over Wilder's land they grew on a tree the main trunk of which was exclusively and entirely on Skinner's land, that it was Skinner's tree and all of the fruit on it Skinner's property. It was Wilder's right to keep limbs from extending over his property by cutting them off, but he had no right to take any of Skinner's property because it extended past his line.

In cases where trees are planted on the boundary or so close that the main limbs extend directly into the other parcel of land, the general rule is that the owners of the adjoining lands are proprietors of the tree as tenants in common and so must share its produce. If either should injure the tree the other may have his remedy against him.

Generally speaking, whatever is attached to the earth is real property and so remains as long as it is so attached. This applies to grains and grasses as well as to the fruit upon trees and bushes. This should always be kept in mind in selling cultivated lands of any kind. All crops growing thereon, being a part of the realty, will pass under the deed to the new purchaser, unless they are specifically reserved. In some jurisdictions certain annual crops may be reserved orally, but it is always best and usually absolutely necessary, that the reservation be a written clause in the conveyance. Crops that are unharvested at the time of a mortgage sale, being still attached to the land, are realty and pass to the purchaser under the mortgage sale. So, too, one who recovers land by ejectment secures all the growing crops attached to the land, as in view of the law they are part of it and so pass to the successful claimant of title.

When you lease land have an eye to the title of your landlord, or you may lose your crop while it is still growing. You secure no better rights than the man from whom you lease and if there is a mortgage due and he does not pay it the land may be sold and the growing crops pass to the purchaser. So, too, the landlord might not have good title and a successful claimant in ejectment would also oust you.

Langdon Cummings owner forty acres on the River road. The land was heavily mortgaged and Cummings was troubled with a load of other debts. Saulson, a large, unsecured creditor, secured a judgment against Cummings and sought to enforce it by levy. Cummings had a fine patch of blackberries and another of wheat. Both the berries and the wheat were levied upon. The levy upon the berries was defeated; that upon the wheat allowed. The reason was that the levy was effective only against personalty and the court regarded berries as realty but wheat as personalty, and this though both were still attached to the soil.

Though all crops are realty as long as they remain physically attached to the land for certain purposes, as pointed out above, there are other points of view from which certain crops are regarded as personalty and others as realty. This important distinction is the one the law draws between what it refers to

as "fructes naturales" and "fructes industriales;" and it matters not to the law that the fruit grower feels that his are rather the products of industry than of nature. But the law provides a different classification for those crops which are produced annually year after year from the same root, as the fruits of trees, vines and bushes and grasses. Crops, on the other hand, that result from annual planting, fertilizing and cultivation, are regarded as different. The former are "fructes naturales" and are viewed as real property at all times. The latter are "fructes industriales," or emblements, and while realty so that they pass with the land when title is transferred, they are viewed as personal property in regard to matters of sale, levy, etc. It is to be borne in mind that the former class, "fructes naturales," become personal property as soon as they are detached from the realty by cutting or harvesting.

Emblements, the annual, cultivated crops being regarded as personal property for purposes of sale, may be transferred by oral sale as they stand in the fields, while a writing is generally required in the transfer of "fructes naturales." Emblements being realty may be levied on as such. If harvested before a mortgage sale is consummated they are not transferred with the property under mortgage sale.

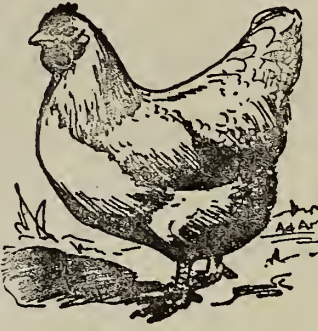
One who wrongfully or carelessly damages the growing crop of another is legally liable to make good the loss in damages. The owner of the growing crop may always vindicate his right that it be not injured. If the crop be totally destroyed the damages are the value of the crop at the time and place it was destroyed. Partial damage is estimated upon the same basis. The owner of the crop may not take as the measure of damages what he expected to get for the crop when it was all ripe and harvested. The law doesn't encourage one's chickens before they are hatched. Neither may the wrongdoer escape by paying merely the cost expended upon the crop to the time of injury. The evidence of those familiar with crops and conditions is secured and the damage based on the value of the crop at the time and place it was injured—how much the owner could have sold it for as it stood at that time.

Many disputes arise between landlord and tenant about crops. If a tenant pays a cash rent for the land upon which he grows his crops and plants only crops which mature before his term ends—no difficulty occurs. The tenant owns the crops produced. But if a tenant for a definite term plants crops which mature after the end of that term, he is gen-

erally not entitled to return after the end of his term and claim the crop, though a few States have a different rule. Generally if the term is uncertain as to time the tenant cannot know that any crop will ripen before the term may be terminated and he is allowed to secure all crops which have been planted, returning to care for them after the term shall have been unexpectedly ended. The statutes of some States give to the landlord a lien on the crops of his tenant for the rent due.

One who occupies and farms the farm of another upon the shares becomes his tenant and the crops produced are their common property. If no fixed time has been set for dividing the shares, division is due when the crop is harvested. In the case of a season cropper who simply comes upon the acreage to cultivate it, not living upon the premises or occupying them, the crops are at all times the property of the landlord and the cropper has no transferable interest in them until the landlord's claims have been satisfied.

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Pure bred and bred to win and lay.
Choice matings \$2 per 15; \$3 for 30, utility \$1 per 15; \$5 per 100. Light Fawn Indian Runner Ducks, eggs \$1.25 for 12; \$2 for 24. Circular free.
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PARCEL POST SHOE COMPANY
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WORK IN THE POULTRY YARD FOR JUNE.

By Loring Brown

June is another month with lots of work to be done among your fowls. A few choice eggs should yet be set during this month, and place these hens and chickens on a fresh piece of ground away from any other chickens, or where none have inhabited this spring. Many prize winners in the January shows were hatched in June, and many of the very best specimens I have ever seen were hatched during this month, especially with some of the smaller breeds.

So do not hesitate to continue setting eggs, especially from some of your best birds. It is a good idea to mate one of your best male birds with a single hen and start a pedigree line from these individual splendid hens, and now is the time to begin this work. The other hens can be removed from the male birds, and the sooner you can place them out on a free open range and give them a rest, that much quicker will they begin molting and be in shape to lay eggs for early fall hatching. This is very important, and every good hen that you expect to carry over next season should be placed on a free range and given a rest for a while at least.

The male birds should be removed from the large flocks on the farm. Take no chances on selling a few eggs that would probably ruin your business from being fertilized, as germination will start in one day during hot weather. If the male birds were killed on most of the farms and even in the city during the summer months, it would mean a saving of thousands of dollars to people who produce eggs, and the buyers would soon place more confidence in the eggs they buy during the summer months.

In many States the first day in June is set aside as "Rooster Day" and male birds are killed by the thousands. It is a good idea and Georgia should do likewise. It would not only save a lot of feeding, but would create a demand for good breeding birds in the fall that could be bought from first-class breeders at a price any one could afford, and in this way new blood would be introduced that would be worth thousands of dollars to the country when it is not done now by keeping over old roosters as many people continue to do during the summer months.

On the other hand, people would pay more attention to selecting a good male bird to head their flocks, and as the male really amounts to 90 per cent, it would mean a saving of thousands of dollars to the breeder all over the country in more ways than one. This is very important and should be impressed upon the people with as much force as possible.

The weather so far this spring has been ideal for hatching little turkeys, and many reports indicate a good hatch with the little ones doing well. Up to the present time May has been a fine month for the growth of little chicks. The cool dry weather will help many little chicks to get a start, and many people are still hatching that would have quit if we had not had this splendid weather.

Hens have continued to lay well, but eggs have begun to advance in price, and by fall eggs all over the country will

be selling at a fancy price; one that will make many a person wish they had a flock of hens to produce these eggs.

Every good pullet that is hatched should be retained to lay eggs this fall. If a sufficient supply of green food has not been provided for your chickens, it should not be neglected a day longer, but should be looked after immediately, as it plays an important part in the health of both old and young chickens. A bountiful supply of green food is very essential, and should be planted at once if it has not already been done.

Every one who has any spare space should plant Kaffir Corn or Egyptian Wheat. It is planted and cultivated similar to Sorghum and makes a splendid food with a heavy yield, and will cut down your feed bill materially, even if you plant only a small place. Sunflower seed should also be planted. We could raise more of our feed than we do by a little effort, and it would make a big difference in the yearly income from our poultry plants.

Every one should watch carefully this month for insects. If they make their appearance, get busy at once. Do not allow them to get the upper hand of you. They will take possession of your place almost before you know it. Insects kill and weaken, and make chickens an easy prey to disease, and causes a heavier loss than all the diseases put together. They should be fought vigorously, especially during the month of June.

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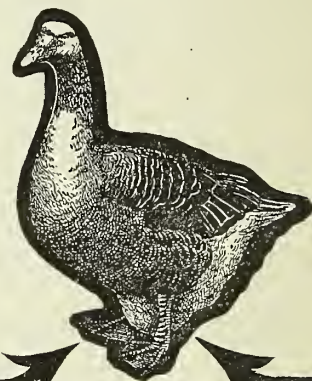
God's promise that the Herbs of the field "shall heal the nations" is as effective as ever. Read your Bible, Protestant and Catholic, and find out for yourself. Ezechiel 47, 12 verse. Ecclesiastes 30th chapter, 14th, 15th, 16th and 17th verses; 38th chapter, 4th, 6th, 9th and 15th verses, etc. Take God at his word, be well and strong. I prepare with pure, sweet, fresh Roots and Herbs my Cheyenne Indian Medicines. These marvelous healers of disease restore health in a remarkably short time—even as God has promised. Makes the blood rich and pure—disease cannot exist.



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MRS. CHARLIE WHITE-MOON, The Cow Boy Herbalist.
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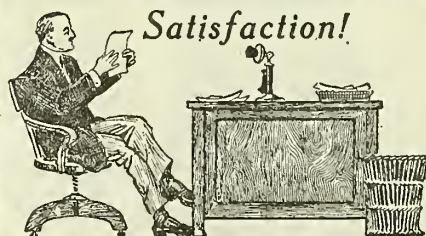
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do not neglect to see that the roosts and nests are thoroughly painted with some good disinfectant. If one is so situated they cannot get the different kinds of paints or disinfectants, they will find the following mixture to be splendid and can be had at any ordinary drug store:

Dissolve one cake of Life Buoy Soap in five gallons of boiling water, and add to this while boiling, one gallon of kerosene oil, 10 cents worth of moth balls, and a half gallon of crude carbolic acid.

This makes a splendid paint for the roosts and nests, and no insect will live where this is freely applied. Do not let it come in contact with the eggs, and where the coops for young chicks are fresh painted, little chickens should not be too closely confined during the first night and day, as it is strong and will injure them. But it makes a splendid disinfectant paint and should be freely used on the roosts.

The young chickens should be thoroughly culled during this month. Sell for broilers all that are not good enough to mature, but keep all the pullets even if they are not perfect in color. They will lay enough eggs to pay for themselves during the fall and winter.

As soon as the hot nights come, both old and young chickens should have a house to roost in just as near open as can possibly be had so that it has no draft in it. A good shed with wire all the way around makes a splendid place for both young and old chickens. They will not suffer during the hot nights. Hens do not lay well when they suffer from hot weather, but will do far better if kept cool and comfortable, especially at night. A hen should sleep comfortable at night if you expect her to lay an abundance of eggs during the day.

Feed that is cooling, such as oats, bran, and plenty green food should be given chickens during the summer months. Corn, too much meat, and other rich concentrated foods should not be fed during hot weather. Use common sense and judgment in caring for your old and young chickens and you will make no mistake, and get results. —Exchange.

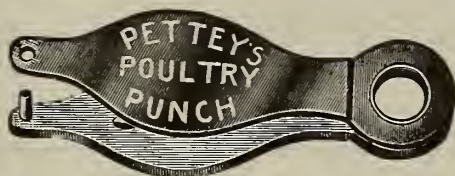
H. W. Rickey, of the Bureau of Animal Husbandry, United States Department of Agriculture, has been secured to co-operate with the Kentucky Agricultural Experiment Station in poultry work. He will work directly with farmers and farmer boys and girls in the developing of individual poultry interests, rather than with commercial poultrymen, and will give lectures and do poultry club work throughout the State.

If you are not successful to a great extent the first year, do not get discouraged. Study your birds and methods of feeding and handling and try to locate the trouble. Keep at it, and get the practical experience. It takes two or three years to get started in the poultry business.

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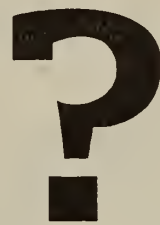
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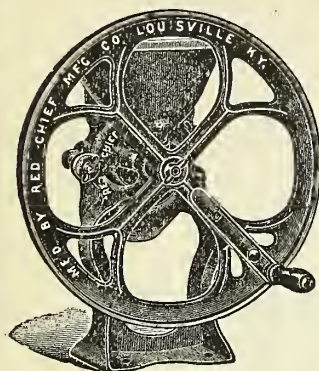
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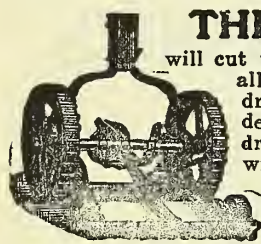
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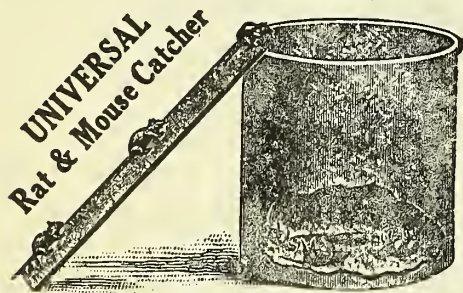
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